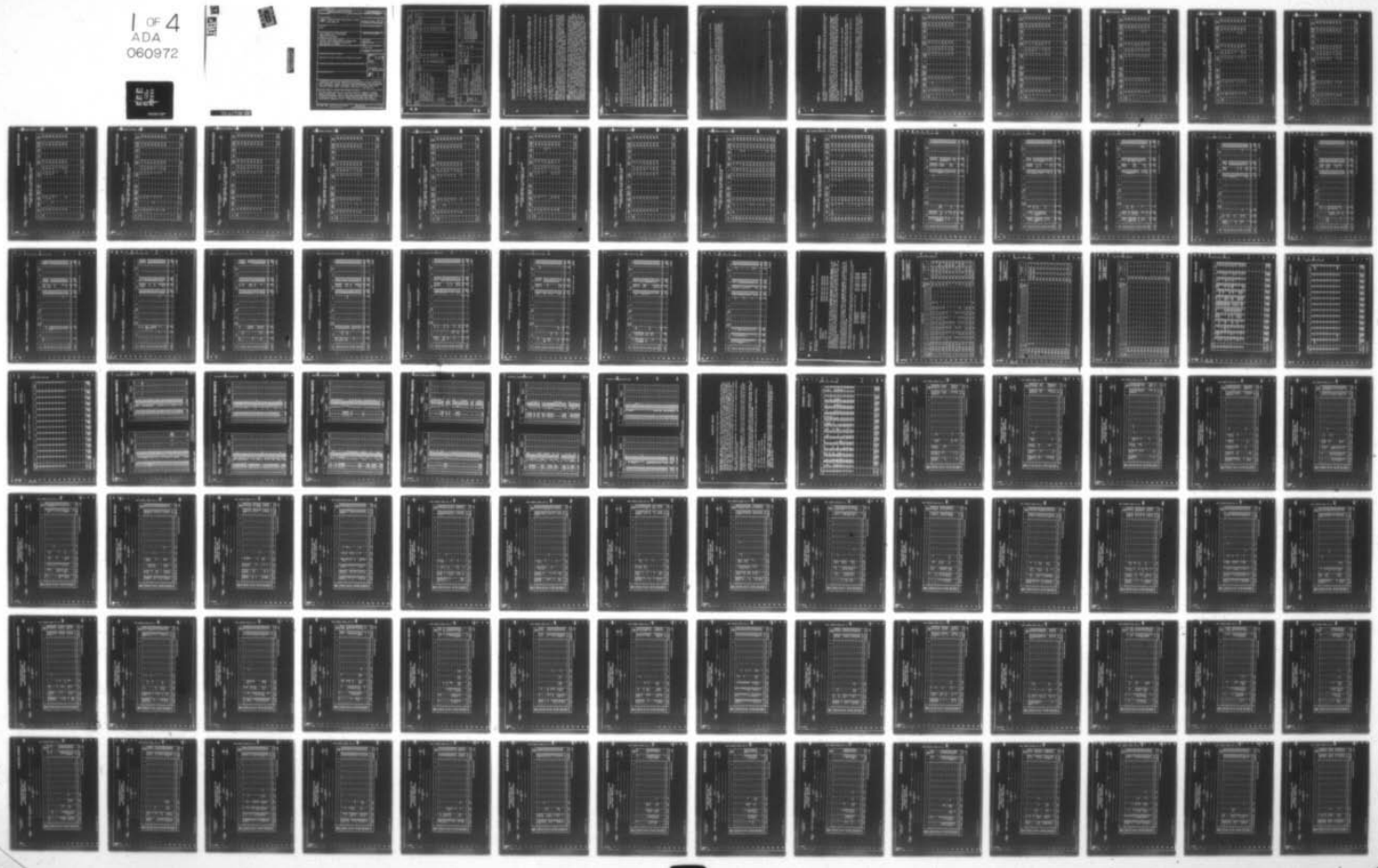
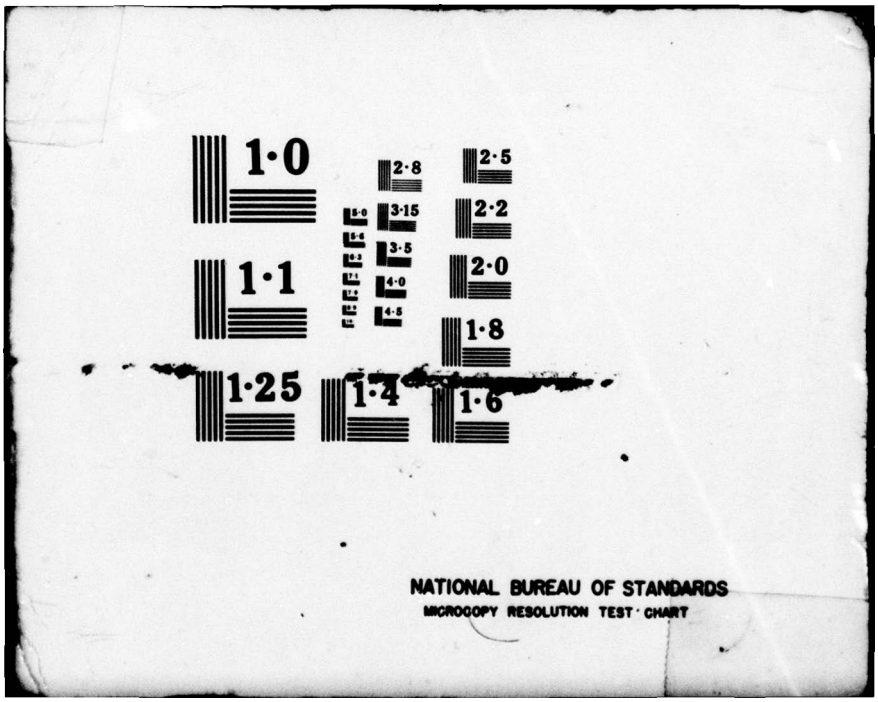
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SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE (SMOS) POINT MU--ETC(U)
JUL 78

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MICROCOPY RESOLUTION TEST CHART

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SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

REPORT DOCUMENTATION PAGE

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1. REPORT NUMBER	2. GOVT ACCESSION NO. / 3. RECIPIENT'S CATALOG NUMBER
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7. AUTHOR(s): N/A	8. CONTRACT OR GRANT NUMBER(s)
9. PERFORMING ORGANIZATION NAME AND ADDRESS: Naval Weather Service Detachment, Federal Building, Asheville, N.C. 28801	10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS
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19. KEY WORDS (Continue on reverse side if necessary and identify by block number)

Climatology, surface wind, temperature, precipitation, ceiling, visibility, relative humidity, station pressure, extreme temperatures, sea level pressure, daily temperature, weather conditions, monthly climatology, Naval shore facility, coastal region, snow depth, cloud cover, Point Mugu, CA

20. ABSTRACT (Continue on reverse side if necessary and identify by block number)

This data report consists of a six part statistical summary of surface weather observations. The six parts are: Part A - Weather Conditions/ Atmospheric Phenomena, Part B - Precipitation/Snowfall/Snow Depth, Part C - Surface Winds, Part D - Ceiling versus Visibility/Sky Cover, Part E - Psychrometric Summaries, Part F - Station Pressure/Sea Level Pressure.

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STATION NO. ON SUMMARY	STATION NAME	LATITUDE:	LONGITUDE:	STATION ELEV. (FT.)	CALL SIGN:	WMO NUMBER
93111	Point Mugu, California	34°07'N	119°07'W	12	KNTD	72391

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF BARO. LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FEET	TYPE BAROMETER	
1.	Aerological office on second deck of hangar, bldg 34	Navy		1955	34°07'N	119°07'W	29.84	Mercurial	24
2.	Aerological office, first deck of hangar, bldg 34	"	1955	1962	"	"	14.10	"	"
3.	New barometer installed on second deck, bldg 34	"	1962	1964	"	"	27.30	"	"
4.	In observer tower atop hangar 34	"	1964	1965	"	"	77.00	"	"
5.	PMR Weather Center, bldg 552	"	1965	1966	"	"	11.25	"	"
6.	" " " " "	"	1966	1968	"	"	11.07	"	"
7.	" " " " "	"	1968	1976	"	"	11.03	"	"
8.	PMTC " " " "	"	1976		"	"	8.77	"	"
1a.	PMR " " " "	"	1965	1976	"	"	13.25	Aneroid	"
2a.	PMTC " " " "	"	1976		"	"	11.58	"	"

Wind data earlier than 1961 should not be summarized with later data since the anemometer height is not compatible with the 1961 to present exposure.

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1.		On west end of hangar roof	Selsyn	Double	79'	1. Micro-barograph (AERO 1932 USN)
1a.		Top of control tower	AN-UMQ-5			2. Auto met station (AN/GMQ-29)
2.	Replaced 1957	Mounted on existing selsyn mast	AN-UMQ-5C	RD-108	106'	3. Cloud height set (AN/GMQ-13D)
3.	1960	Change in height	"	"	93'	4. Theodolite (shore type)
4.	1961	1800 feet southwest of intersection of runways 05-23 and 11-29	"	"	13'	5. Transmissometer (AN/GMQ-10C)
5.	1964	13 feet above runway elevation, 450 feet from centerline runway 03-21, 1600 feet southwest intersection runway 03-21 and 09-27				6. Radiosonde/Rawinsonde set (AN/GMD-1B)
						7. Meteorological Satellite System (AN/GKR-4)

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SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE

DIRNAVOCEANMET ltr 3146 Ser 1032 dated 26 August 1977 (NOTAL) established the following policy for SMOS production and updating:

1. Ten years of data will be used as the standard period of record (POR).

2. All available data will be used for extreme values.

3. Summarize (update) every five years.

   a. Summarize the five year period (1973-1977) for all sections of the SMOS except extremes. The 5 year summary will be an intermediate SMOS to show secular trends. All available data through 1977 will be included for extreme values.

   b. The update in 1983 will include the POR 1973 through 1982, with all available data through 1982 for extreme values.

   c. The update in 1988 will be an intermediate SMOS (POR 1983-1987). All available data through 1987 will be included for extreme values.

   d. In 1993 the POR will be 1983 through 1992. All available data through 1992 will be used for extreme values.

Each standard POR (10 years) summary should be retained by individual stations along with the SMOS prepared in 1973. The retention of these summaries will provide the most comprehensive climatological file for your station.

DESCRIPTION: Preceding each section is a brief description of the data comprising each part of the summary and the manner of presentation. Tabulations are prepared from 3-hourly and daily observations recorded by stations operated by the U.S. Navy and U.S. Marine Corps. 3-hourly observations are defined as these record or record-special observations recorded at scheduled 3-hourly intervals. Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations (prepared from record-special, local, summary of the day, remarks, etc.).

COMMENT: All observations summarized in this tabulation have been computer edited for consistency and reasonableness prior to, or during, the processing stage. Efforts to improve the quality of the data after summarization are expensive, i.e., the improvement might consist of the elimination of one suspect or erroneous value. The cost of preparing "perfect" copy can be prohibitive due to the handwork involved. Suspect cases will occur infrequently, but users should not disregard extreme values completely as some could be valid. Questionable values will most likely be single occurrences shown by a percentage frequency of ".0". (This value indicates a percent less than ".05," which, in most cases, reflects a single observation.) Since most stations summarized now have in excess of 10,000 3-hourly observations, the occurrence of an occasional spurious value should not in itself be considered significant. Every effort is made by this office to maintain a high degree of accuracy and reliability in these tables, and the Naval Weather Service Detachment (NWSD), Asheville, N. C. welcomes your comment and criticisms.

NWSD, Federal Building

Asheville, N. C.

PART A WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from 3-hourly observations, and is presented in three tables as follows:

1. By month and annual, all hours and years combined.
2. By month and annual, all hours and years combined, by wind direction.
3. By month, all years combined, by standard 3-hour groups.

Occurrences of the various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet - Included are snow, sleet, snow pellets (soft hail), snow grains, and ice crystals.

Hail Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the total columns.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources.)

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

NOTE: The total number of observations may vary among tables within the same month and period. Percentages may not always equal 100.0 due to rounding practices.

PART A ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrences of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual columns may not equal the total columns.

This presentation is by month with annual totals, and is prepared with all years combined.

NOTE: A day with rain and/or drizzle was not separately reported in WBAN data prior to January 1949. Therefore percentages in this column are restricted to the period January 1949 and later.

A day with dust and/or sand was punched and included in this summary only when visibility was less than 5/8 mile.

Percentage Frequency of Wind Direction vs. Weather Conditions - This tabulation is derived from 3-hourly observations and is presented by month and annual, all hours and years combined. The main body of the Summary consists of weather conditions (horizontally) and wind directions (vertically) to 16 compass points (plus calm). Column totals show the number of observations. "% Total" indicates percentage frequency of occurrences.

WEATHER CONDITIONS

93111 (STATION) POINT MUGU, CALIFORNIA (STATION NAME) 73-77 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	01		5.8				5.8	14.2	5.2			19.4	155
	04	.6	5.8				5.8	14.2	5.2			18.7	155
	07		3.9				3.9	12.9	5.2			18.1	155
	10		5.2				5.2	10.3	7.1			16.8	155
	13		8.4				8.4	6.5	13.5			18.7	155
	16		9.0				9.0	8.4	12.9			20.0	155
	19		5.2				5.2	11.6	8.4			19.4	155
	22		2.6				2.6	13.5	3.2			16.8	155
TOTALS		.1	5.7				5.7	11.5	7.6			18.5	1240

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WEATHER CONDITIONS

93111 (STATION) POINT MUGU, CALIFORNIA (STATION NAME) 73-77 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	01		4.3				4.3	14.9	6.4			21.3	141
	04		7.1				7.1	22.7	2.1			24.1	141
	07		7.8				7.8	22.0	6.4			26.2	141
	10		6.4				6.4	17.0	12.8			25.5	141
	13		6.4				6.4	7.1	14.2			20.6	141
	16		7.1				7.1	6.4	15.6			21.3	141
	19		7.8				7.8	13.5	7.8			19.9	141
	22		5.7				5.7	14.9	5.0			19.9	141
TOTALS			6.6				6.6	14.8	8.8			22.4	1128

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5701 WEATHER CONDITIONS JAN 8

WEATHER CONDITIONS

93111	POINT MUGU, CALIFORNIA	73-77	MAR
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	01		6.5				6.5	11.6	1.3			12.9	155
	04		5.8				5.8	14.8	3.2			16.8	155
	07		7.1				7.1	15.5	8.4			22.6	155
	10		1.3				1.3	7.7	20.6			28.4	155
	13		3.9				3.9	9.9	14.2			17.4	155
	16		3.9				3.9	8.2	12.3		.6	15.5	155
	19		5.8				5.8	5.2	6.5		.6	12.3	155
	22		5.8				5.8	8.4	3.2			11.0	155
TOTALS			5.0				5.0	8.8	8.7		.2	17.1	1240

WEATHER CONDITIONS

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	01		4.0				4.0	20.7	6.7			25.3	150
	04		4.7				4.7	21.3	8.7			27.3	150
	07		2.7				2.7	25.3	19.3			40.0	150
	10		2.0				2.0	8.7	36.0			40.7	150
	13		.7				.7	2.0	34.7			35.3	150
	16		1.3				1.3	.7	30.0		.7	30.7	150
	19		2.7				2.7	13.3	19.3		.7	30.7	150
	22		4.0				4.0	14.7	8.0			20.7	150
TOTALS			2.8				2.8	13.3	20.3		.2	31.3	1200

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5701 WEATHER CONDITIONS JAN [redacted]8

1077 2096-54321

WEATHER CONDITIONS

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	01		9.7				9.7	27.7	16.1			41.3	155
	04		9.7				9.7	34.2	20.0			51.0	155
	07		7.7				7.7	47.1	33.5			72.3	155
	10		3.9				3.9	23.2	44.5			60.6	155
	13		1.9				1.9	9.7	47.1			52.9	155
	16							7.1	45.2			50.3	155
	19		.6				.6	18.7	29.0			45.8	155
	22		3.2				3.2	23.9	16.8			38.1	155
TOTALS			4.6				4.6	24.0	31.5			51.5	1240

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5701 WEATHER CONDITIONS JAN [redacted] 8

1477 2096-54321

WEATHER CONDITIONS

93111 STATION | POINT MUGU, CALIFORNIA STATION NAME | 73-77 YEARS | JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	01		6.0				6.0	40.0	12.7			49.3	150
	04		13.3				13.3	49.3	10.0			54.7	150
	07		12.7				12.7	56.7	22.0			72.0	150
	10	.7	3.3				3.3	24.0	44.0			64.0	150
	13		.7				.7	6.7	54.0			57.3	150
	16							7.3	46.7			50.7	150
	19							12.7	34.0			44.0	150
	22		2.7				2.7	28.2	16.1			39.6	149
TOTALS		.1	4.8				4.8	28.1	29.9			54.0	1199

5701 WEATHER CONDITIONS JAN

WEATHER CONDITIONS

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	01		3.2				3.2	41.9	11.0			51.0	155
	04		6.5				6.5	57.4	14.2			69.7	155
	07		9.0				9.0	69.0	22.6			85.2	155
	10		.6				.6	26.5	57.4			76.8	155
	13	.6	.6				.6	5.2	61.3			62.6	155
	16		.6				.6	7.1	49.7			52.9	155
	19		.6				.6	16.1	29.0			41.9	155
	22							25.2	12.3			34.8	155
TOTALS		.1	2.6				2.6	31.1	32.2			59.4	1240

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WEATHER CONDITIONS

93111 (STATION) POINT MUGU, CALIFORNIA (STATION NAME) 73-77 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	01		4.5				4.5	52.9	15.5			66.5	155
	04		9.0				9.0	64.5	11.6			74.2	155
	07		6.5				6.5	67.7	18.7			82.6	155
	10		1.3				1.3	21.3	63.2			75.5	155
	13		1.9				1.9	5.8	55.5			59.4	155
	16		1.3				1.3	3.9	45.2			47.7	155
	19		.6				.6	17.4	36.8			49.0	155
	22		2.6				2.6	31.0	20.6			50.3	155
TOTALS			3.5				3.5	33.1	33.4			63.2	1240

5701 WEATHER CONDITIONS JAN [redacted]8

1977 2006-54221

WEATHER CONDITIONS

93111 (STATION) POINT MUGU, CALIFORNIA (STATION NAME) 73-77 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	01		6.7				6.7	48.0	16.7			58.7	150
	04		9.3				9.3	56.7	16.7			70.7	150
	07		7.3				7.3	65.3	25.3			80.7	150
	10		2.0				2.0	20.7	59.3			74.0	150
	13		2.7				2.7	9.3	58.0			62.0	150
	16		1.3				1.3	7.3	48.7			52.7	150
	19	.7	1.3				1.3	22.7	37.3			52.7	150
	22		2.7				2.7	30.0	20.0			44.7	150
TOTALS		.1	4.2				4.2	32.5	35.3			62.0	1200

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14277 2096-54321

WEATHER CONDITIONS

93111 STATION | POINT MUGU, CALIFORNIA STATION NAME | 73-77 YEARS | OCT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
OCT	01		3.2				3.2	43.9	14.2			53.5	155
	04		3.9				3.9	47.1	14.8			57.4	155
	07	.6	1.9				1.9	45.8	19.4			59.4	155
	10		2.6				2.6	15.5	43.9			56.1	155
	13		1.9				1.9	4.5	45.8			48.4	155
	16		1.3				1.3	6.5	41.6			44.8	154
	19							23.2	24.5			43.2	155
	22		1.3				1.3	31.6	16.1			43.9	155
TOTALS		.1	2.0				2.0	27.3	27.5			50.8	1239

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5701 WEATHER CONDITIONS JAN [redacted]8

WEATHER CONDITIONS

93111	POINT MUGU, CALIFORNIA	73-77	NOV
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	01		2.0				2.0	25.3	6.0			30.0	150
	04		1.3				1.3	24.0	5.3			26.7	150
	07		.7				.7	21.3	6.0			24.0	150
	10		.7				.7	10.0	16.7		1.3	26.0	150
	13							2.7	24.7		.7	26.0	150
	16		2.0				2.0	6.0	18.0			22.0	150
	19		4.0				4.0	14.7	8.7			20.0	150
	22		1.3				1.3	24.0	4.7			27.3	150
TOTALS			1.5				1.5	16.0	11.3		.3	25.3	1200

WEATHER CONDITIONS

93111 (STATION) POINT MUGU, CALIFORNIA (STATION NAME) 73-77 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	01		4.5				4.5	21.9	9.0			29.7	155
	04		1.3				1.3	20.6	7.7			27.1	155
	07		3.9				3.9	19.4	9.7			25.2	155
	10		5.8				5.8	12.9	15.5			25.8	155
	13		5.2				5.2	5.2	24.5			27.7	155
	16		4.5				4.5	6.5	23.9			27.7	155
	19		3.2				3.2	15.5	11.0			24.5	155
	22		6.5				6.5	18.7	10.3			28.4	155
TOTALS			4.4				4.4	15.1	14.0			27.0	1240

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5701 WEATHER CONDITIONS JAN 78

WEATHER CONDITIONS

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | ALL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL	.1	5.7				5.7	11.5	7.6			18.5	1240
FEB			6.6				6.6	14.8	8.8			22.4	1128
MAR			5.0				5.0	8.8	8.7		.2	17.1	1240
APR			2.8				2.8	13.3	20.3		.2	31.3	1200
MAY			4.6				4.6	24.0	31.5			51.5	1240
JUN		.1	4.8				4.8	28.1	29.9			54.0	1199
JUL		.1	2.6				2.6	31.1	32.2			59.4	1240
AUG			3.5				3.5	33.1	33.4			63.2	1240
SEP		.1	4.2				4.2	32.5	35.3			62.0	1200
OCT		.1	2.0				2.0	27.3	27.5			50.8	1239
NOV			1.5				1.5	16.0	11.3		.3	25.3	1200
DEC			4.4				4.4	15.1	14.0			27.0	1240
TOTALS		.0	4.0				4.0	21.3	21.7		.1	40.2	14606

5701 WEATHER CONDITIONS JAN 88

WEATHER CONDITIONS
ATMOSPHERIC PHENOMENA

93111 (STATION) POINT MUGU, CALIFORNIA (STATION NAME) 46-77 (YEARS) ALL (MONTH)

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY	1.5	24.5		.8	.2	23.0	35.5	36.4		.4	49.0	961
FEB		.8	24.7		.1	.2	23.1	39.3	39.5		.6	51.8	873
MAR		.3	24.4			.2	22.3	36.2	41.7		.8	52.2	981
APR		.5	20.8			.1	19.1	38.9	47.4	.1	.2	56.5	949
MAY			22.9				20.9	45.4	54.9		.6	63.0	986
JUN		.1	28.0				25.7	56.2	66.6		.1	72.8	951
JUL		.3	20.8				18.9	72.6	82.4		.2	88.1	992
AUG		.3	17.6				15.9	73.8	83.7		.1	87.8	991
SEP		1.1	20.2				18.3	66.4	75.7		.2	82.3	960
OCT		.5	16.7				15.1	56.5	62.1		1.3	70.8	992
NOV		.7	18.9	.5			17.6	42.4	43.9	.1	1.9	54.1	959
DEC		.6	22.2			.2	20.1	37.3	36.8		.3	49.0	990
TOTALS		.6	21.8	.0	.1	.1	20.0	50.0	55.9	.0	.6	64.8	11587

1130

2

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

93111	POINT MUGU, CALIFORNIA	JAN 1973-DEC 1977	JANUARY	ALL
STATION	STATION NAME	YEARS	MONTH	HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	1.2	1.2							4.8	3.6	6.0			83.7
NNE	.7	1.2							3.9	5.9	3.3			84.2
NE	2.0	5.2						.7	3.3	2.0	3.9			85.6
ENE	.8	2.5							3.3	2.5	3.3			88.5
E	11.1	7.4							3.7	3.7	7.4			63.0
ESE	50.0								12.5					37.5
SE	26.1		8.7						43.5	4.3	13.0			30.4
SSE	10.0	10.0	2.5						27.5	2.5	10.0			47.5
S	10.8								2.7	2.7	10.8			73.0
SSW									7.1		28.6			67.9
SW	7.1	7.1							14.3		28.6			57.1
WSW									9.5		9.5			81.0
W	4.1	.8							7.3	2.4	8.1			79.7
WNW		2.1	2.1						2.1	2.1				93.8
NW									6.7		6.7			86.7
NNW		1.9							7.5		3.8			86.8
VARIABLE														
CALM	1.3	2.1	.3						18.0	8.7	8.2			62.2
TOTAL	37	29	5					1	96	46	85			969
% TOTAL	3.0	2.3	.4					.1	7.7	3.7	6.9			78.1

TOTAL NUMBER OF OBSERVATIONS 1,240

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57[illegible] FREQ. WIND DIR. VS WEATHER JAN 68

2

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

93111	POINT MUGU, CALIFORNIA	JAN 1973-DEC 1977	FEBRUARY	ALL
STATION	STATION NAME	YEARS	MONTH	HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	.9								7.5	7.5	3.7			82.2
NNE	2.8	.9	.9						14.2	8.5	6.6			71.7
NE	5.4	.8	.8						9.3	2.3	3.1			82.2
ENE	4.8	1.6							11.3	3.2				83.9
E			5.6						22.2		11.1			66.7
ESE	21.7	17.4							21.7		21.7			30.4
SE	27.8	11.1	2.8						11.1	11.1	8.3			36.1
SSE	2.1	10.6							8.5		17.0			63.8
S	9.8	9.8							15.7	3.9	21.6			47.1
SSW	6.3	3.1							12.5		21.9			62.5
SW		3.7							7.4		14.8			77.8
WSW	2.7	2.7	2.7						5.4		8.1			81.1
W	.7								4.4	.7	8.1			87.5
WNW	1.8								12.5		7.1			78.6
NW									7.7	7.7	3.8			80.8
NNW									11.6	7.0	11.6			74.4
VARIABLE														
CALM	1.6	.3	.3						10.3	7.2	8.4			71.4
TOTAL	43	25	6						119	48	97			832
% TOTAL	3.8	2.2	.5						10.5	4.3	8.6			73.8

TOTAL NUMBER OF OBSERVATIONS 1,128

NAVWEASERVCOM

5708% FREQ WIND DIR. VS WEATHER JAN 68

11305

2

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

93111	POINT MUGU, CALIFORNIA	JAN 1973-DEC 1977	MARCH	ALL
STATION	STATION NAME	YEARS	MONTH	HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	4.8	1.0							1.0	2.9	1.9			88.6
NNE	1.3	1.9							3.8	2.5	3.8			87.3
NE	5.1	1.7							5.1	5.1	1.7			84.7
ENE			4.0						16.0		4.0			80.0
E	10.0	5.0							25.0		20.0			55.0
ESE	23.8								38.1		9.5			42.9
SE	9.1	4.5	4.5						27.3		18.2			50.0
SSE	12.8	7.7							12.8	2.6	23.1			48.7
S	1.9	3.8							9.6	5.8	19.2			61.5
SSW		15.4							7.7		7.7			69.2
SW	11.4								5.7		22.9			62.9
WSW											14.0			86.0
W	2.1	.7	.3						1.7		9.8		.3	85.4
WNW	1.9	.9							3.7	.9	3.7		.9	88.0
NW									2.9	11.4	2.9			85.7
NNW		3.4							17.2					79.3
VARIABLE														
CALM	1.7	.4							10.8	2.9	3.1			78.3
TOTAL	40	19	3						85	24	104		2	987
% TOTAL	3.2	1.5	.2						6.9	1.9	8.4		.2	79.6

TOTAL NUMBER OF OBSERVATIONS 1,240

NAVWEASERVCOM

5708 % FREQ. WIND DIR VS WEATHER JAN 68

2

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | JAN 1973-DEC 1977 (YEARS) | APRIL (MONTH) | ALL (HOURS (L.S.T.))

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	1.6	3.2							16.4	1.6	6.6			73.8
NNE	3.4								6.8	3.4	8.5			78.0
NE	6.4								19.1	2.1	17.0			61.7
ENE		4.3							8.7					87.0
E									42.9		42.9			42.9
ESE									25.0		37.5			62.5
SE									25.0		50.0			37.5
SSE		3.1							34.4		34.4			37.5
S	2.3								18.2		34.1			45.2
SSW									7.0	1.8	47.4			45.6
SW									2.8		30.6			66.7
WSW	1.3	1.3							5.3	1.3	36.0			57.3
W	.3	.7	.7						5.0		21.4		.7	72.2
WNW		1.3							6.3		10.0			82.5
NW									26.5	8.8	17.6			55.9
NNW									14.3	3.6	3.6			78.6
VARIABLE														
CALM	.3	1.4	3.1						16.3	2.4	11.9			69.0
TOTAL	10	12	11						143	17	236		2	804
% TOTAL	.8	1.0	.9						11.9	1.4	19.7		.2	67.0

TOTAL NUMBER OF OBSERVATIONS 1,200

NAVWEASERVCOM

5 % FREQ. WIND DIR. VS WEATHER JAN 68

1131

2

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

93111 (STATION) POINT MUGU, CALIFORNIA (STATION NAME) JAN 1973-DEC 1977 (YEARS) MAY (MONTH) ALL (HOURS (L.S.T.))

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N			2.6						17.9	5.1	12.8			66.7
NNE			2.6						33.3	12.8	30.8			38.5
NE									29.4	5.9	35.3			35.3
ENE			9.1						54.5		18.2			36.4
E	9.1								27.3	18.2	18.2			36.4
ESE	20.0		10.0						20.0	10.0	30.0			30.0
SE		4.0	8.0						44.0	4.0	20.0			32.0
SSE		2.2	6.7						42.2		20.0			40.0
S		1.4	11.3						33.8		40.8			26.8
SSW		1.7	5.2						25.9	1.7	50.0			31.0
SW			8.9						20.0	6.7	35.6			40.0
WSW		1.1	1.1						15.2	1.1	43.5			41.3
W		.3	.6						10.6	.6	34.8			55.5
WNW	.8		2.5						11.5	1.6	27.0			58.2
NW		2.9							20.5		20.6			58.8
NNW									10.5		21.1			68.4
VARIABLE														
CALM		.4	8.9						28.2	4.7	22.7			45.9
TOTAL	4	8	45						263	34	381			587
% TOTAL	.3	.6	3.6						21.2	2.7	30.7			47.3

TOTAL NUMBER OF OBSERVATIONS 1,240

NAVWEASERVCOM

5708% FREQ WIND DIR. VS WEATHER (JAN 68)

2

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

93111 (STATION) POINT MUGU, CALIFORNIA (STATION NAME) JAN 1973-DEC 1977 (YEARS) JUNE (MONTH) ALL (HOURS (L.S.T.))

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	2.9								45.7	2.9	11.4			42.9
NNE									30.0	10.0	15.0			50.0
NE			7.7						38.5		30.8			38.5
ENE									61.5	7.7	30.8			7.7
E			12.5						50.0	12.5				37.5
ESE			10.0						60.0		20.0			10.0
SE			14.3						52.4		19.0			23.8
SSE			2.9						35.3	2.9	23.5			32.4
S			5.8						33.3		46.4			23.2
SSW			4.1						24.5		38.8			38.8
SW			7.3						26.8		51.2			26.8
WSW			2.2						20.9		47.3			36.3
W			2.7					.3	14.7	.3	35.3			53.0
WNW			3.9						17.3		30.7			54.3
NW			2.6						20.5	2.6	23.1			56.4
NNW			2.9						38.2		14.7			55.9
VARIABLE														
CALM			8.8						36.0	3.8	13.0			31.0
TOTAL	1		57					1	319	18	349			550
% TOTAL	.1		4.8					.1	26.6	1.5	29.1			45.9

TOTAL NUMBER OF OBSERVATIONS 1,199

NAVWEASERVCOM

5708% FREQ. WIND VS WEATHER JAN 68

1131

2

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

93111	POINT MUGU, CALIFORNIA	JAN 1973-DEC 1977	JULY	ALL
STATION	STATION NAME	YEARS	MONTH	HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N			3.1						50.0	3.1	21.9			34.4
NNE									63.2	10.5	21.1			15.8
NE			6.7						36.7	13.3	6.7			43.3
ENE									68.8	6.3	12.5			18.8
E			10.0						70.0		30.0			
ESE			20.0						60.0		20.0			20.0
SE									18.8	6.3	43.8			31.3
SSE			10.7						39.3		32.1			28.6
S			4.2						37.5		56.3			14.6
SSW			3.4						27.1	3.4	54.2			22.0
SW			5.3						20.0		60.0			23.6
WSW									14.8		47.7			43.2
W		.6	.9					.3	13.0	.9	44.6			44.6
WNW			.8						20.7	.8	20.7			59.5
NW									25.0	2.3	18.2			54.5
NNW									50.0	5.3	7.9			39.5
VARIABLE														
CALM			4.2						33.3	0.4	14.3			44.6
TOTAL		2	31					1	338	47	394			501
% TOTAL		.2	2.5					.1	27.3	3.8	31.8			40.5

TOTAL NUMBER OF OBSERVATIONS 1,238

NAVWEASERVCOM

5708% FREQ. WIND DIR. VS WEATHER JAN 68

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

93111 (STATION) POINT MUGU, CALIFORNIA (STATION NAME) JAN 1973-DEC 1977 (YEARS) AUGUST (MONTH) ALL (HOURS (L.S.T.))

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	2.9		5.7						54.3	5.7	17.1			25.7
NNE									51.3		20.5			30.8
NE		2.8							61.1	2.8	19.4			22.2
ENE									77.8		22.2			11.1
E									85.7		14.3			
ESE			9.1						54.5		36.4			9.1
SE			6.3						81.3	6.3	6.3			6.3
SSE			2.9						47.1	5.9	35.3			17.6
S	1.9		3.8						32.1		60.4			18.9
SSW									6.3	2.1	72.9			20.8
SW									11.3		62.3			32.1
WSW			2.2						18.9		53.3			31.1
W		.4	1.8						9.0		42.8			50.4
WNW	1.6	1.8	1.6						24.0	.8	23.3			53.5
NW			4.2						35.2		25.4			43.7
NNW									45.5		33.3			33.3
VARIABLE														
CALM		.3	5.0						48.3	3.4	15.8			34.2
TOTAL	4	5	34						392	18	414			456
% TOTAL	.3	.4	2.7						31.6	1.5	33.4			36.8

TOTAL NUMBER OF OBSERVATIONS 1,240

NAVWEASERV.COM

5708 % FREQ. WIND DIR. VS WEATHER ... N 68

11311

2

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

93111	POINT MUGU, CALIFORNIA	JAN 1973-DEC 1977	SEPTEMBER	ALL
STATION	STATION NAME	YEARS	MONTH	HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	2.4		9.8						36.6	7.3	12.2			48.8
NNE	2.2		2.2						47.8	10.9	15.0			28.3
NE			4.8						45.2	4.8	19.0			40.5
ENE	5.3		5.3						47.4	10.5	21.1			26.3
E	9.1	9.1	9.1						63.6		18.2			27.3
ESE			9.1						72.7		18.2			18.2
SE	3.6		3.6						32.1	7.1	32.1			25.0
SSE	5.1	2.6	2.6					2.6	30.8	2.6	41.0			28.2
S			3.2						22.6		43.5			33.9
SSW									20.8	2.1	58.3			29.2
SW			10.3						20.5		46.2			33.5
WSW	1.4		4.2						12.7		33.5			38.0
W			2.6						13.4	.4	33.9			37.1
WNW			1.9						19.8	1.9	36.8			30.0
NW			1.8						27.3	9.1	14.5			30.9
NNW			2.9						40.0	17.1	20.0			31.4
VARIABLE														
CALM		.6	3.2						33.7	10.8	34.8			17.1
TOTAL	8	4	38					1	320	64	420			450
% TOTAL	.7	.3	3.2					.1	27.2	5.3	35.0			37.5

TOTAL NUMBER OF OBSERVATIONS 1,200

NAVWEASERVCOM

FREQ. WIND DIR. VS WEATHER JAN 68

2

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

93111 (STATION) POINT MUGU, CALIFORNIA (STATION NAME) JAN 1973-DEC 1977 (YEARS) OCTOBER (MONTH) ALL (HOURS (L.S.T.))

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	1.2		1.2						18.6	11.6	17.4			53.5
NNE	1.5								33.8	6.8	16.2			48.5
NE	1.7		1.7						30.5	3.4	6.8			64.4
ENE									30.4	4.3	4.3			65.2
E									50.0		16.7			50.0
ESE	11.1								33.3		22.2			44.4
SE	4.0		4.0						24.0		44.0			32.0
SSE									25.0		34.4			43.8
S	1.9		1.9						14.8	1.9	29.6			53.7
SSW									6.3		50.0			43.8
SW									15.4	2.6	46.2			41.0
WSW		2.2							17.8		44.4			44.4
W	.4	.4	1.2						8.2		37.3			56.6
WNW									16.4	1.6	27.9			59.0
NW		2.4							31.7	4.9	31.7			36.6
NNW			2.0						37.3	7.8	21.6			39.2
VARIABLE														
CALM	.3	.6	1.1					.3	38.1	5.3	31.8			42.3
TOTAL	8	5	12					1	290	48	337			606
% TOTAL	.6	.4	1.0					.1	23.4	3.9	27.2			48.9

TOTAL NUMBER OF OBSERVATIONS 1,238

NAVWEASERVCOM

5708% FREQ WIND DIR. VS WEATHER JAN 68

1131

2

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

93111	POINT MUGU, CALIFORNIA	JAN 1973-DEC 1977	NOVEMBER	ALL
STATION	STATION NAME	YEARS	MONTH	HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N									10.2	4.8	2.7			83.0
NNE			.9						12.8	9.2	5.5			74.3
NE	.8								13.0	4.9	7.3		2.4	74.0
ENE									9.3	4.0	5.3			84.0
E									6.3					93.8
ESE									13.3		13.3			66.7
SE	22.2								22.2		38.9			38.9
SSE									9.5	4.8	23.8			61.9
S	5.4								16.2		35.1			54.1
SSW	4.8								14.3		33.3			52.4
SW		3.8							11.5		30.8			61.5
WSW									2.9		20.0			74.3
W									2.5		14.3			83.2
WNW		1.3							5.1		11.5			82.1
NW	3.6		3.6						21.4	7.1	7.1			64.3
NNW									12.2	2.4	6.1			82.9
VARIABLE														
CALM	1.0		1.4						28.7	9.6	9.1			52.5
TOTAL	11	2	5						141	51	130		3	891
% TOTAL	.9	.2	.4						11.8	4.3	10.8		.3	74.3

TOTAL NUMBER OF OBSERVATIONS 1,200

NAVWEASERVCOM

5708% FREQ. WIND DIR VS WEATHER JAN 68

2

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

93111 (STATION) POINT MUGU, CALIFORNIA (STATION NAME) JAN 1973-DEC 1977 (YEARS) DECEMBER (MONTH) ALL (HOURS (L.S.T.))

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	.7								7.2	9.8	9.2			75.2
NNE		.8							12.0	3.2	12.8			75.2
NE	2.0	2.6	3.3						11.8	.7	6.5			77.1
ENE	3.9	1.0							7.8	1.0	2.9			83.5
E	11.1	5.6							5.6		11.1			72.2
ESE	30.4	4.3							17.4		13.0			43.5
SE	28.0	4.0							12.0	8.0	8.0			40.0
SSE									17.2	6.9	10.3			62.1
S	2.2	8.7							10.9		29.9			47.8
SSW		7.1							14.3		35.7			46.4
SW			9.1						9.1		63.6			27.3
WSW		3.2							3.2		19.4			77.4
W	.9	2.6							1.8	1.8	17.5			76.3
WNW									4.8	2.4	16.7			81.0
NW									3.1	6.3	3.1			90.6
NNW									7.3	3.6	9.1			81.8
VARIABLE														
CALM			1.2						30.2	7.5	17.1			56.7
TOTAL	26	19	9						136	51	163			864
% TOTAL	2.1	1.5	.7						11.0	4.1	13.1			69.7

TOTAL NUMBER OF OBSERVATIONS 1,240

NAVWEASERVCOM

FORM FREQ. WIND DIR. VS WEATHER JAN 68

1131

2

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

93111	POINT MUGU, CALIFORNIA	JAN 1973-DEC 1977	ALL	ALL
STATION	STATION NAME	YEARS	MONTH	HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	1.4	.5	.9						14.1	5.9	7.9			72.4
NNE	1.0	.6	.5						18.8	6.6	10.6			66.3
NE	2.4	1.7	1.4					.1	16.9	5.2	8.5		.3	70.4
ENE	1.8	1.2	.6						16.0	2.8	5.4			75.4
E	5.7	3.1	2.5						28.3	2.5	13.8			52.8
ESE	15.6	5.2	3.2						32.5	.8	18.8			36.4
SE	11.4	2.6	4.4						31.0	4.4	23.6			32.5
SSE	2.9	3.6	2.4					.2	27.6	2.1	25.0			42.6
S	2.6	1.9	3.0						22.0	1.1	36.4			39.4
SSW	.6	1.6	1.4						15.8	1.2	43.3			40.1
SW	1.2	.7	3.6						14.7	1.0	43.0			43.7
WSW	.4	.7	1.2						12.3	.3	38.7			50.9
W	.5	.5	1.1					.1	8.5	.5	30.3		.1	61.8
WNW	.6	.6	1.3						13.5	.9	19.9		.1	66.6
NW	.2	.4	1.3						21.3	4.7	16.2			60.3
NNW		.4	.6						22.8	4.0	11.8			65.0
VARIABLE														
CALM	.4	.3	2.9					.0	34.9	6.2	15.3			32.5
TOTAL	192	130	256					5	2648	466	3110		7	8497
% TOTAL	1.3	.9	1.8					.0	18.1	3.2	21.3		.0	58.2

TOTAL NUMBER OF OBSERVATIONS 14,603

NAVWEASERVCOM

5708% FREQ WIND DIR. VS WEATHER (N 68)

NWSD, Federal Building

Asheville, N. C.

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This portion of the Uniform Summary presents in two sets of tables, the daily amounts and extreme values of the following:

PRECIPITATION	DERIVED FROM DAILY OBSERVATIONS
SNOWFALL*	DERIVED FROM DAILY OBSERVATIONS
SNOW DEPTH	DERIVED FROM DAILY OBSERVATIONS

1. The first table for each of the above presents the percentage frequency of various daily amounts, by month and annual, all years combined. The percentage of days with measurable amounts is also computed monthly and annually. Also shown for the precipitation and snowfall tables, are the monthly mean amounts, annual mean amounts (sum of monthly mean amounts), and the extreme monthly amounts (greatest and least). The latter statistics above are not presented for the snow depth summary since they would have limited use and may be misleading.

2. The second set of tables for each of the above presents the extreme daily amounts by individual year and month for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months). The extremes for a month are not printed nor used in computations if one or more observations are missing.

NOTE: Snow depth was recorded and punched at various hours during the period available from U. S. operated stations. The periods and hours used in the snow depth summary vary by service and period as follows:

Air Force Stations	From beginning of record thru 1945	Snow depth at 0800 LST
	Jan 46-May 57	Snow depth at 1230 GCT
	Jun 57-present	Snow depth at 1200 GCT
U. S. Navy and Weather Bureau Stations	From beginning of record thru Jun 52	Snow depth at 0030 GCT
	Jul 52-May 57	Snow depth at 1230 GCT
	Jun 57-present	Snow depth at 1200 GCT

* Hail was included in snowfall occurrence in the summary of the day observation prior to Jan 1956,

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
PRECIPITATION
(FROM DAILY OBSERVATIONS)

93111 STATION — POINT MUGU, CALIFORNIA STATION NAME — 60-77 YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP.	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	79.0	4.7	1.3	2.7	1.4	4.3	1.8	2.3	2.3	.2				16.3	558	2.27	11.57	.00
FEB	76.6	5.3	2.0	2.6	2.2	3.5	2.9	2.8	1.8	.4				18.1	509	2.23	13.79	.00
MAR	77.6	9.1	1.3	1.4	2.3	3.0	2.0	2.5	.7					13.3	558	1.26	3.05	TRACE
APR	83.5	6.1	.7	2.8	1.3	3.0	1.1	1.3	.2					10.4	540	.71	4.23	.00
MAY	79.6	16.8	1.4	.9	.2	.7	.2	.2						3.6	558	.09	1.00	TRACE
JUN	70.2	28.0	.4	.7	.2	.6								1.9	540	.04	.26	TRACE
JUL	80.8	18.6		.4		.2								.5	558	.01	.13	TRACE
AUG	82.4	16.3	.2	.5	.4			.2						1.3	558	.07	1.04	.00
SEP	78.0	18.1	.4	2.0	.4	.4	.2	.2	.4					3.9	540	.34	4.98	TRACE
OCT	86.0	9.5	.7	2.0		.7	.9	.2						4.5	558	.19	.74	TRACE
NOV	80.0	5.6	1.3	2.0	1.7	2.6	2.4	2.0	2.4					14.4	540	1.96	6.42	.01
DEC	79.0	4.7	1.4	3.6	2.2	3.2	1.8	2.5	1.6					16.3	558	1.66	5.33	.04
ANNUAL	79.4	11.9	.9	1.8	1.0	1.8	1.1	1.2	.8	.0				8.7	6575	10.83		

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5722 Daily Amounts Jan 1969

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOWFALL
(FROM DAILY OBSERVATIONS)

93111 POINT MUGU, CALIFORNIA 60-77
STATION STATION NAME YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP.	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SN... D...	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	99.6	.4													558	TRACE	TRACE	.0
FEB	99.8	.2													509	TRACE	TRACE	.0
MAR	100.0														558	.0	.0	.0
APR	100.0														540	.0	.0	.0
MA...	100.0														558	.0	.0	.0
JUN	100.0														540	.0	.0	.0
JUL	100.0														558	.0	.0	.0
AUG	100.0														558	.0	.0	.0
SEP	100.0														540	.0	.0	.0
OCT	100.0														558	.0	.0	.0
NOV	100.0														540	.0	.0	.0
DEC	100.0														558	.0	.0	.0
ANNUAL	99.9	.0													6575	.0		

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21145
5722 Daily Amounts Jan. 1969

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

93111 (STATION) POINT MUGU, CALIFORNIA (STATION NAME) 60-77 (YEARS)

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP.	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00					
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4			MEAN	GREATEST	LEAST
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	100.0														558			
FEB	100.0														509			
MAR	100.0														558			
APR	100.0														540			
MAY	100.0														558			
JUN	100.0														540			
JUL	100.0														558			
AUG	100.0														558			
SEP	100.0														540			
OCT	100.0														558			
NOV	100.0														540			
DEC	100.0														558			
ANNUAL	100.0														6573			

5722 Daily Amounts Jan. 1969

NAVWEASERVCOM

EXTREME VALUES

PRECIPITATION
(FROM DAILY OBSERVATIONS)

93111 POINT MUGU, CALIFORNIA 60-77
STATION STATION NAME YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
60	.60	2.26	.18	.82	TRACE	TRACE	TRACE	TRACE	.01	TRACE	1.14	.25	2.26
61	.94	TRACE	.55	.23	TRACE	.01	TRACE	.02	.08	TRACE	1.63	.67	1.63
62	1.56	3.52	.59	TRACE	TRACE	.02	TRACE	TRACE	TRACE	.46	.01	.02	3.52
63	1.03	1.81	1.14	.29	.26	.19	TRACE	.03	.38	.30	.98	.09	1.81
64	.53	.00	.70	.34	.01	.11	TRACE	.07	TRACE	.21	.36	1.10	1.10
65	.18	.14	1.08	1.33	.01	TRACE	TRACE	TRACE	.04	TRACE	2.03	2.18	2.18
66	1.21	.55	TRACE	TRACE	.01	TRACE	TRACE	TRACE	.02	.02	1.02	.79	1.21
67	1.54	.12	.33	.65	.07	TRACE	TRACE	TRACE	.23	TRACE	2.23	.37	2.23
68	.47	.50	1.56	.31	TRACE	TRACE	TRACE	.02	TRACE	.52	.46	.21	1.56
69	3.29	1.27	.26	.47	.02	TRACE	.13	TRACE	.03	TRACE	1.53	.07	3.29
70	.86	1.37	.83	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	2.06	1.95	2.06
71	.25	.38	.22	.77	.13	TRACE	TRACE	.00	.03	.02	.15	1.26	1.26
72	.08	.11	.01	.01	.05	TRACE	TRACE	.01	.02	.39	.80	.73	.80
73	1.59	.93	.80	TRACE	TRACE	TRACE	TRACE	TRACE	.01	.13	.63	.76	1.59
74	2.15	.18	.66	.20	TRACE	TRACE	.02	TRACE	TRACE	.45	.05	1.19	2.15
75	.55	1.55	.77	.18	TRACE	TRACE	TRACE	TRACE	TRACE	.04	.07	.03	1.55
76	.00	.88	.35	.24	.01	.18	TRACE	TRACE	2.29	TRACE	.13	.75	2.29
77	1.34	.30	1.09	.00	.64	.01	.02	.98	.02	TRACE	.05	.59	1.34
MEAN	1.01	.88	.62	.32	.07	.03	.01	.06	.18	.14	.85	.72	1.88
S. D.	.828	.945	.427	.365	.157	.062	.030	.230	.537	.193	.767	.629	.710
TOTAL OBS.	558	509	558	540	558	540	558	558	540	558	540	558	6575

NAVWEASERVCOM

1969999
5723 Extreme Values Jan 1969

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EXTREME VALUES

SNOWFALL
(FROM DAILY OBSERVATIONS)

93111 STATION | POINT MUGU, CALIFORNIA STATION NAME | 60-77 YEARS

24 HOUR AMOUNTS IN INCHES

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
63	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
77	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MEAN	TRACE	TRACE	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
S. D.	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
TOTAL OBS.	558	504	558	540	558	540	558	558	540	558	540	558	6575

NAVWEASERVCOM

5723 Extreme Values Jan 1969

EXTREME VALUES

SNOW DEPTH
(FROM DAILY OBSERVATIONS)

93111 POINT MUGU, CALIFORNIA 60-77
STATION STATION NAME YEARS

197003

DAILY SNOW DEPTH IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
60	0	0	0	0	0	0	0	0	0	0	0	0	0
61	0	0	0	0	0	0	0	0	0	0	0	0	0
62	0	0	0	0	0	0	0	0	0	0	0	0	0
63	0	0	0	0	0	0	0	0	0	0	0	0	0
64	0	0	0	0	0	0	0	0	0	0	0	0	0
65	0	0	0	0	0	0	0	0	0	0	0	0	0
66	0	0	0	0	0	0	0	0	0	0	0	0	0
67	0	0	0	0	0	0	0	0	0	0	0	0	0
68	0	0	0	0	0	0	0	0	0	0	0	0	0
69	0	0	0	0	0	0	0	0	0	0	0	0	0
70	0	0	0	0	0	0	0	0	0	0	0	0	0
71	0	0	0	0	0	0	0	0	0	0	0	0	0
72	0	0	0	0	0	0	0	0	0	0	0	0	0
73	0	0	0	0	0	0	0	0	0	0	0	0	0
74	0	0	0	0	0	0	0	0	0	0	0	0	0
75	0	0	0	0	0	0	0	0	0	0	0	0	0
76	0	0	0	0	0	0	0	0	0	0	0	0	0
77	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S. D.	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
TOTAL OBS.	558	509	558	540	558	540	558	558	540	558	540	558	6575

NAVWEASERVCOM

5723 Extreme Values Jan 1969

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

93111 STATION | POINT MUGU, CALIFORNIA STATION NAME | 1960-1977 YEARS

JANUARY
MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.04	1	1977			
2	1.34	34	1977			
3	0.25	6	1977			
4	1.16	29	1974			
5	0.42	11	1977			
6	0.87	22	1974			
7	2.15	55	1974			
8	0.19	5	1973			
9	0.86	22	1970			
10	0.60	15	1960			
11	0.46	12	1960			
12	0.23	6	1971			
13	1.49	38	1969			
14	0.36	9	1960			
15	0.09	2	1970			
16	1.59	40	1973			
17	0.30	8	1974			
18	1.31	33	1973			
19	3.29	84	1969			
20	1.56	40	1962			
21	0.69	18	1969			
22	0.73	19	1967	T	T	1962
23	0.24	6	1969	T	T	1962
24	2.13	54	1969			
25	1.22	31	1969			
26	0.94	24	1961			
27	0.16	4	1968			
28	0.14	4	1977			
29	0.12	3	1973			
30	1.21	31	1966			
31	1.03	26	1963			
Monthly	3.29	84	1969	T	T	1962

FEBRUARY
MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	2.26	57	1960			
2	1.55	39	1975			
3	0.13	3	1973			
4	0.27	7	1973			
5	0.59	15	1973	T	T	1976
6	0.55	14	1966			
7	1.17	30	1962			
8	2.59	66	1962			
9	2.26	57	1962			
10	3.52	89	1962			
11	0.93	24	1973			
12	0.29	7	1973			
13	0.27	7	1968			
14	0.06	2	1962			
15	0.97	25	1962			
16	0.38	10	1971			
17	0.50	13	1968			
18	0.09	2	1969			
19	1.56	40	1962			
20	0.03	1	1962			
21	0.39	10	1962			
22	0.17	4	1969			
23	1.27	32	1969			
24	0.47	12	1973			
25	0.58	15	1969			
26	0.12	3	1969			
27	0.22	6	1973			
28	1.37	35	1970			
29	0.30	8	1960			
30						
31						
Monthly	3.52	89	1962	T	T	1976

* ALSO ON EARLIER YEARS
T – TRACE, AN AMOUNT TOO SMALL TO MEASURE
BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET–SMOS

5724 DAILY AMOUNTS MAR 1978

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

93111 — STATION
POINT MUGU, CALIFORNIA — STATION NAME
1960-1977 — YEARS

MARCH — MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.69	18	1970			
2	0.49	12	1974			
3	0.03	1	1976*			
4	0.83	21	1970			
5	0.66	17	1975			
6	1.08	27	1965			
7	1.56	40	1968			
8	0.86	22	1968			
9	T	T	1976			
10	0.26	7	1969			
11	0.04	1	1973			
12	0.33	8	1967			
13	0.55	14	1968			
14	0.01		1963			
15	0.58	14	1961			
16	0.77	20	1963			
17	0.17	4	1961			
18	T	T	1972*			
19	0.01		1973			
20	0.80	20	1973			
21	0.16	4	1969			
22	0.70	18	1964			
23	0.32	8	1964			
24	0.33	8	1977			
25	1.09	28	1977			
26	0.03	1	1973			
27	0.33	8	1974			
28	1.14	29	1963			
29	T	T	1974*			
30	0.14	4	1974			
31	0.48	12	1965			
Monthly	1.56	40	1968			

APRIL — MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.60	15	1967			
2	0.24	6	1965			
3	0.70	18	1965			
4	0.29	7	1965			
5	0.47	12	1969			
6	0.18	5	1975			
7	0.06	2	1967			
8	1.33	34	1965			
9	0.95	24	1965			
10	0.24	6	1967			
11	0.17	4	1967			
12	0.24	6	1976			
13	0.03	1	1976			
14	0.77	20	1971			
15	0.03	1	1975*			
16	0.07	2	1975			
17	0.02	1	1971			
18	0.65	17	1967			
19	0.12	3	1967			
20	0.19	5	1963			
21	0.47	12	1967			
22	0.23	6	1961			
23	0.09	2	1967			
24	0.03	1	1975			
25	0.25	6	1963			
26	0.82	21	1960			
27	0.10	3	1960			
28	0.04	1	1967			
29	T	T	1967*			
30	T	T	1968			
31						
Monthly	1.33	34	1965			

* ALSO ON EARLIER YEARS
T – TRACE, AN AMOUNT TOO SMALL TO MEASURE
BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET–SMOS

5724 DAILY AMOUNTS MAR 1978

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 1960-1977 (YEARS)

MAY (MONTH)

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.11	3	1977			
2	T	T	1971*			
3	T	T	1971*			
4	0.01		1964			
5	T	T	1962			
6	0.04	1	1971			
7	0.11	3	1977			
8	0.64	16	1977			
9	0.20	7	1963			
10	T	T	1973			
11	T	T	1977*			
12	T	T	1977*			
13	T	T	1975*			
14	T	T	1975*			
15	T	T	1975*			
16	T	T	1976*			
17	T	T	1973*			
18	0.01		1965			
19	0.05	1	1972			
20	T	T	1973*			
21	T	T	1969*			
22	T	T	1974*			
23	0.02	1	1969			
24	0.01		1977			
25	T	T	1975*			
26	0.01		1966			
27	0.01		1971			
28	0.13	3	1971			
29	T	T	1975*			
30	T	T	1975*			
31	0.02	1	1969			
Monthly	0.64	16	1977			

JUNE (MONTH)

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	T	T	1975*			
2	T	T	1975*			
3	T	T	1974*			
4	T	T	1974*			
5	T	T	1977*			
6	T	T	1977*			
7	T	T	1977*			
8	0.11	3	1964			
9	0.05	1	1976			
10	0.18	5	1976			
11	0.19	5	1963			
12	T	T	1975*			
13	0.02	1	1962			
14	T	T	1975*			
15	T	T	1975*			
16	T	T	1975*			
17	T	T	1972*			
18	T	T	1972*			
19	T	T	1965*			
20	0.01		1961			
21	T	T	1970*			
22	T	T	1972*			
23	T	T	1977*			
24	T	T	1977*			
25	T	T	1977*			
26	T	T	1977*			
27	T	T	1977*			
28	T	T	1973*			
29	T	T	1973			
30	T	T	1974*			
31						
Monthly	0.19	5	1963			

* ALSO ON EARLIER YEARS
T – TRACE, AN AMOUNT TOO SMALL TO MEASURE
BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET–SMOS

5724 DAILY AMOUNTS MAR 1978

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

93111 — STATION
POINT MUGU, CALIFORNIA — STATION NAME
1960-1977 — YEARS

JULY — MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	T	T	1972*			
2	T	T	1970*			
3	T	T	1967*			
4	T	T	1967			
5	T	T	1973*			
6	T	T	1973*			
7	T	T	1968			
8	T	T	1973*			
9	T	T	1974*			
10	0.02	1	1974			
11	0.13	3	1969			
12	T	T	1973			
13	T	T	1973*			
14	T	T	1974			
15	T	T	1976*			
16	T	T	1976*			
17	T	T	1967*			
18	T	T	1964*			
19	T	T	1975*			
20	T	T	1977*			
21	T	T	1971*			
22	T	T	1976*			
23	T	T	1976*			
24	T	T	1976*			
25	T	T	1975*			
26	T	T	1975*			
27	T	T	1971*			
28	T	T	1976*			
29	T	T	1977*			
30	T	T	1974*			
31	0.02	1	1977			
Monthly	0.13	3	1969			

AUGUST — MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	T	T	1977*			
2	T	T	1975*			
3	T	T	1975*			
4	T	T	1975*			
5	T	T	1973*			
6	T	T	1975*			
7	0.02	1	1968			
8	0.03	1	1963			
9						
10	0.02	1	1961			
11	T	T	1977*			
12	0.01		1972			
13						
14	T	T	1973*			
15	T	T	1976*			
16	0.06	2	1977			
17	0.98	25	1977			
18	0.07	2	1964			
19	T	T	1970*			
20	T	T	1970*			
21	T	T	1975*			
22	T	T	1977*			
23	T	T	1977			
24						
25	T	T	1968			
26	T	T	1973*			
27						
28	T	T	1976			
29	T	T	1977*			
30	T	T	1977*			
31	T	T	1977*			
Monthly	0.98	25	1977			

* ALSO ON EARLIER YEARS
T – TRACE, AN AMOUNT TOO SMALL TO MEASURE
BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET–SMOS

5124 DAILY AMOUNTS MAR 1978

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

93111 STATION | POINT MUGU, CALIFORNIA STATION NAME | 1960-1977 YEARS

SEPTEMBER MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	T	T	1976*			
2	T	T	1962*			
3	0.02	1	1972			
4	0.38	10	1963			
5	0.04	1	1965			
6	0.03	1	1971			
7	T	T	1972			
8	T	T	1975*			
9	T	T	1977*			
10	0.66	17	1976			
11	0.07	2	1976			
12	T	T	1974*			
13	T	T	1975*			
14	0.01		1973*			
15	0.04	1	1976			
16	0.08	2	1961			
17	T	T	1974*			
18	0.05	1	1963			
19	0.12	3	1963			
20	T	T	1976*			
21						
22	T	T	1973			
23	0.02	1	1967			
24	0.03	1	1967			
25	T	T	1977*			
26	0.02	1	1977			
27	T	T	1977*			
28	2.29	58	1976			
29	1.92	49	1976			
30	T	T	1976*			
31						
Monthly	2.29	58	1976			

OCTOBER MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.01		1974			
2	0.02	1	1968			
3	0.02	1	1968			
4	T	T	1977*			
5	0.02	1	1966			
6	T	T	1975*			
7	0.05	1	1973			
8	0.13	3	1973			
9						
10	0.02	1	1975			
11	0.03	1	1975			
12	T	T	1971			
13	0.11	3	1968			
14	0.52	13	1968			
15	0.30	8	1963			
16	0.28	7	1963			
17	T	T	1973*			
18	T	T	1977*			
19	T	T	1977*			
20	T	T	1976*			
21	T	T	1973*			
22	0.01		1973			
23	0.04	1	1973			
24	0.02	1	1971			
25						
26	T	T	1975*			
27	0.20	5	1964			
28	0.45	11	1974			
29	0.21	5	1964			
30	0.04	1	1975			
31	0.01		1974			
Monthly	0.52	13	1968			

* ALSO ON EARLIER YEARS
T – TRACE, AN AMOUNT TOO SMALL TO MEASURE
BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET–SMOS

5724 DAILY AMOUNTS MAR 1978

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

93111 STATION | POINT MUGU, CALIFORNIA STATION NAME | 1960-1977 YEARS

NOVEMBER
MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	T	T	1964*			
2	0.01		1962			
3	0.39	10	1960			
4	0.08	2	1972			
5	1.14	29	1960			
6	1.53	39	1969			
7	1.02	26	1966			
8	0.16	4	1964			
9	0.36	9	1964			
10	0.26	7	1964			
11	0.15	4	1972*			
12	0.16	4	1960			
13	0.01		1965			
14	1.18	30	1965			
15	0.98	25	1963			
16	2.03	52	1965			
17	0.72	18	1972			
18	0.79	20	1967			
19	1.69	43	1967			
20	1.63	41	1961			
21	2.23	57	1967			
22	1.48	38	1965			
23	0.06	2	1965			
24	0.59	15	1965			
25	1.23	31	1961			
26	1.02	26	1960			
27						
28	1.32	34	1970			
29	2.06	52	1970			
30	0.28	7	1967			
31						
Monthly	2.23	57	1967			

DECEMBER
MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.76	19	1973			
2	0.73	19	1966			
3	1.06	27	1974			
4	1.19	30	1974			
5	0.79	20	1966			
6	0.30	8	1966			
7	0.06	2	1972*			
8	0.07	2	1972*			
9	0.09	2	1963			
10	0.18	5	1968			
11	0.07	2	1965			
12	0.20	5	1971			
13	0.04	1	1961			
14	0.18	5	1965			
15	0.07	2	1968			
16	0.25	6	1970			
17	0.32	8	1977			
18	1.95	50	1970			
19	1.10	28	1964			
20	0.74	19	1964			
21	0.61	15	1970			
22	1.09	28	1971			
23	0.26	7	1971			
24	1.11	28	1971			
25	0.51	13	1971			
26	0.59	15	1977			
27	1.26	32	1971			
28	1.11	28	1974			
29	2.18	55	1965			
30	0.75	19	1976			
31	0.05	1	1976			
Monthly	2.18	55	1965			

* ALSO ON EARLIER YEARS
T – TRACE, AN AMOUNT TOO SMALL TO MEASURE
BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET–SMOS

5724 DAILY AMOUNTS MAR 1978

NWSD, Federal Building

Asheville, N. C.

PART C SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through 1963, and in tens of degrees starting in January 1964. When 90% or more of the daily observations of peak gust wind data are available for a month, the extreme is selected and printed. These values are then used to compute means and standard deviations for the entire period. Every month of a year must have valid observations present before the ALL MONTHS value is selected for that year. Means and standard deviations are computed when four or more values are present for any column. A supplementary list of Peak Gusts by year-month with < 90% observations reported is also provided.

   NOTE: According to Circular N specifications, "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

2. Bivariate percentage frequency tabulations: Derived from 3-hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both direction and speed, and in addition the mean wind speed for each direction.

   A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VARBL.

   a. Three tables are prepared for all surface winds included, and for all years combined as follows:

      (1) Annual - all hours combined

      (2) By month - all hours combined

      (3) By month - by standard 3-hour groups

   b. A separate annual table is also presented for surface winds meeting the following ceiling and visibility conditions: INSTRUMENT CLASS: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

EXTREME VALUES

SURFACE WINDS
(FROM DAILY OBSERVATIONS)

93111 STATION — POINT MUGU, CALIFORNIA STATION NAME — 60-77 YEARS

DAILY PEAK GUSTS IN KNOTS

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
60	NE 52	W 47	WNW 42	WSW 50	WNW 44	W 25	SE 33	SE 25	SSE 25	W 35	SE 48	NE 58	NE 58
61	NE 39	NE 49	WNW 39	W 42	W 35	SE 21	SSE 28	SSE 24	WNW 18	ENE 33	ENE 56	NE 47	ENE 56
62	ENE 61	NE 40	W 47	W 33	W 31	WSW 22	WSW 20	SSE 21	WSW 18	W 34	N 28	N 31	ENE 61
63	NE 43	N 32	ESE 42	W 36	W 31	W 23	W 20	SSE 20	ESE 19	NE 28	NE 31	ENE 36	NE 43
64	S 35	NE 46	W 43	W 50	W 36	W 29	W 21	S 18	SSE 22	S 30	W 30	SE 33	W 50
65	W 37	NE 35	WSW 36	WNW 32	W 33	W 29	WNW 21	SSE 21	NE 37	NE 33	SE 39	NE 31	SE 39
66	ENE 47	NE 38	NW 41	W 31	W 24	S 27	W 20	S 23	SE 32	ENE 41	ENE 33	WNW 34	ENE 47
67	NE 42	NE 40	W 32	W 35	NE 39	W 21	SSE 27	W 19	SE 27	ENE 43	WNW 32	ENE 41	ENE 43
68	ENE 30	NE 26	SE 32	ENE 37	W 28	WNW 28	SSE 22	W 24	NE 31	NE 27	ENE 35	ENE 42	ENE 42
69	NE 34	NE 35	ENE 39	W 33	WNW 31	W 21	NE 26	SE 21	W 19	ENE 40	ENE 41	NNW 31	ENE 41
70	ENE 39	ENE 49	NE 37	W 43	ENE 29	W 21	W 22	W 19	NE 40	NE 41	SE 42	S 41	ENE 49
71	NE 34	29 40	27 33	27 36	27 27	27 19	27 18	27 20	27 30	27 30	05 38	14 41	14 41
72	06 45	06 34	27 29	28 34	16 27	18 21	15 26	27 20	15 18	12 30	16 39	05 44	06 45
73	16 39	22 33	28 39	28 34	27 26	28 25	15 23	27 20	05 34	05 30	27 34	01 28	16 39
74	09 38	05 39	13 27	26 33	27 32	09 27	WNW 20	27 14	14 16	28 28	27 23	04 38	05 39
75	27 30	05 25	27 36	27 28	27 33	08 24	12 27	15 14	27 14	27 29	05 29	26 29	27 36
76	05 30	28 27	27 28	27 37	27 17	16 18	14 17	25 17	14 24	04 35	07 45	06 32	07 45
77	29 45	27 29	07 42	27 27	28 32	29 19	13 24	17 18	25 19	28 17	27 26	06 37	29 45
MEAN	40.0	36.9	36.9	36.2	30.8	23.3	23.1	19.9	24.6	32.4	36.1	37.4	45.5
S. D.	8.080	7.622	5.697	6.419	5.933	3.548	4.080	3.066	7.777	6.299	8.335	7.532	6.964
TOTAL OBS.	557	508	556	538	555	538	557	555	539	554	538	557	6552

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) | POINT MUGU, CALIFURNIA (STATION NAME) | 73-77 (YEARS) | JAN (MONTH)

ALL WEATHER (CLASS) | 01 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	12.9	6.5	.6									20.0	3.2
NNE	7.1	6.5	4.5									18.1	4.8
NE	3.2	1.9	6.5	1.9	.6							14.2	7.5
ENE	1.3	2.6	5.2	1.9	.6							11.6	8.3
E		1.3		.6								1.9	7.7
ESE													
SE		.6										.6	6.0
SSE		.6	.6									1.3	6.0
S	1.9		.6									2.6	4.0
SSW													
SW													
WSW													
W				1.3	.6							1.9	15.3
WNW		.6										.6	4.0
NW				.6								.6	14.0
NNW	1.9	3.2		.6								5.8	4.4
VARBL													
CALM												20.6	
	28.4	23.9	18.1	7.1	1.9							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | JAN (MONTH)

ALL WEATHER (CLASS) | 04 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	12.3	5.8	2.6									20.6	3.8
NNE	10.3	2.6	1.9	.6								15.5	3.6
NE	4.5	1.9	3.9	3.9	.6							14.8	7.5
ENE	1.3	.0	5.2	3.9	.6							11.6	10.4
E	1.3					.6						1.9	9.0
ESE													
SE	1.3		1.3									2.6	6.3
SSE	.6	.6										1.3	4.0
S													
SSW													
SW													
WSW	.6											.6	2.0
W	.6		.6		.6							1.9	10.7
WNW	.6		.6									1.3	6.0
NW	1.3			.6								1.9	6.0
NNW	1.9	4.5										6.5	3.6
VARBL													
CALM												19.4	
	36.8	16.1	16.1	9.0	1.9	.6						100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 STATION | POINT MUGU, CALIFORNIA STATION NAME | 73-77 YEARS | JAN MONTH

ALL WEATHER CLASS | 07 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	16.1	9.0	.6									25.8	3.4
NNE	9.7	7.7	1.9									19.4	3.7
NE	3.2	2.6	1.9	3.9		1.3						12.9	9.5
ENE	1.9	.6	4.5	6.5	.6							14.2	10.2
E	.6	.6		.6								1.9	6.7
ESE				.6								.6	12.0
SE		.6	.6									1.3	[illegible]
SSE		.6	.6	.6								1.9	9.7
S		.6										.6	5.0
SSW													
SW													
WSW													
W				.6								.6	16.0
WNW	.6											.6	2.0
NW													
NNW	1.3	4.5										5.8	4.2
VARBL													
CALM												14.2	
	33.5	27.1	10.3	12.9	.6	1.3						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 155

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | JAN (MONTH)

ALL WEATHER (CLASS)

10 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.9	7.1	.6									11.6	3.7
NNE	7.1	4.5	3.2	.6	.6							16.1	5.3
NE	2.6	6.5	1.3	5.2	1.3	.6						17.4	8.9
ENE	2.6	.6	5.2	4.5	1.3							14.2	9.9
E	.6	.6	1.9	1.3	1.3							5.8	11.3
ESE	.6		.6									1.3	6.0
SE	.6		.6									1.3	5.5
SSE	.6	2.6	.6		.6							4.5	6.9
S	1.9											1.9	1.7
SSW													
SW													
WSW	.6											.6	3.0
W			1.3			.6						1.9	12.7
WNW	1.3			1.3								2.6	7.3
NW	1.3	.6										1.9	3.3
NNW	1.3	1.3										2.6	3.5
VARBL													
CALM												16.1	
	25.2	23.9	15.5	12.9	5.2	1.3						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | JAN (MONTH)

ALL WEATHER (CLASS)

13 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE		.6	.6	1.3								2.6	11.5
NE			1.3	5.8	1.9							9.0	13.8
ENE			1.9	4.5								6.5	12.7
E			.6			.6						1.3	15.0
ESE				.6								.6	12.0
SE		1.3		.6	.6							2.6	9.5
SSE	.6	3.2	2.6		.6							7.1	7.7
S	2.6	2.6	5.2									10.3	5.8
SSW	.6	5.2	1.9									7.7	5.4
SW	1.9	2.6	.6									5.2	4.3
WSW	2.6	4.5	1.3									8.4	5.0
W	2.6	14.2	8.4	2.6								27.7	6.4
WNW	1.3	1.3	.0	.6								3.9	6.3
NW	.6	1.3	1.3	.6								3.9	7.8
NNW	.6	.6	.6									1.9	5.3
VARBL													
CALM												1.3	
	13.5	37.4	27.1	16.8	3.2	.6						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | JAN (MONTH)

ALL WEATHER (CLASS) | 16 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6											.6	2.0
NNE	.6	.6	.6									1.9	5.3
NE		.6	3.2	5.2	1.9							11.0	11.9
ENE		.6	1.9	.6	.6							3.9	10.8
E			.6									.6	10.0
ESE			1.3			.6						1.9	13.7
SE			.6									.6	9.0
SSE		3.2	.6	.6								4.5	6.4
S	1.3	2.6	.6		.6							5.2	6.5
SSW	3.2	4.5	.6									8.4	4.2
SW	.6	.6	.6									1.9	4.3
WSW	.6	1.3	1.3									3.2	5.0
W	5.2	18.1	7.7	3.2	1.3							35.5	6.6
WNW	1.3	5.2	5.8	.6								12.9	6.7
NW	1.3		.6	.6								2.6	6.0
NNW													
VARBL													
CALM												5.2	
	14.8	37.4	26.5	11.0	4.5	.6						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | JAN (MONTH)

ALL WEATHER (CLASS) | 19 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	7.1	3.2										10.3	3.1
NNE	1.9	.6		1.3								3.9	6.2
NE	2.6	6.5	.6	1.9								11.6	5.6
ENE	3.9		2.6	2.6								9.0	7.1
E	.6	.6	1.3									2.6	6.3
ESE			.6									.6	7.0
SE	1.3		1.3		.6							3.2	7.2
SSE	.6	1.9		.6								3.2	6.8
S	.6	1.3										1.9	3.3
SSW	1.3											1.3	2.0
SW	1.3											1.3	2.5
WSW	.6											.6	2.0
W	1.3	1.3	1.9	.6		.6						5.8	8.2
WNW	3.2	1.3	1.3	.6								6.5	4.6
NW	3.2	1.3	.6									5.2	4.0
NNW	1.3	3.9										5.2	4.1
VARBL													
CALM												27.7	
	31.0	21.9	10.3	7.7	.6	.6						100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) POINT MUGU, CALIFORNIA (STATION NAME) 73-77 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS)

22 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	8.4	8.4	1.3									18.1	3.7
NNE	4.5	11.0	4.5	.6								20.6	5.5
NE	1.3	1.9	3.9	.6								7.7	6.7
ENE	1.3	2.6	3.2	.6								7.7	6.8
E			.6	.6								1.3	11.0
ESE													
SE	1.3	1.3										2.6	3.3
SSE		1.9										1.9	4.7
S	.6		.6									1.3	6.0
SSW				.6								.6	13.0
SW					.6							.6	17.0
WSW													
W	1.9		.6	1.3								3.9	7.3
WNW	.6	1.3		.6								2.6	6.5
NW	2.6		.6									3.2	3.4
NNW	5.2	1.3										6.5	2.9
VARBL													
CALM												21.3	
	27.7	29.7	15.5	5.2	.6							100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | JAN (MONTH)

ALL WEATHER (CLASS) | ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	7.7	5.0	.7									13.4	3.5
NNE	5.2	4.3	2.2	.6	.1							12.3	4.8
NE	2.2	2.7	2.8	3.5	.8	.2						12.3	8.8
ENE	1.5	1.0	3.7	3.1	.5							9.8	9.4
E	.4	.4	.6	.4	.2	.2						2.2	9.6
ESE	.1		.3	.2		.1						.6	10.5
SE	.6	.5	.6	.1	.2							1.9	6.5
SSE	.3	1.9	.6	.2	.2							3.2	6.9
S	1.1	.9	.9		.1							3.0	5.2
SSW	.6	1.2	.3	.1								2.3	4.9
SW	.5	.4	.2		.1							1.1	4.9
WSW	.6	.7	.3									1.7	4.6
W	1.5	4.2	2.6	1.2	.3	.2						9.9	7.2
WNW	1.1	1.2	1.0	.5								3.9	6.1
NW	1.3	.4	.4	.3								2.4	5.4
NNW	1.7	2.4	.1	.1								4.3	3.9
VARBL													
CALM												15.7	
	26.4	27.2	17.4	10.3	2.3	.6						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 1240

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) POINT MUGU, CALIFORNIA (STATION NAME) 73-77 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS) 01 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	10.6	5.0	.7	.7								17.0	3.8
NNE	7.1	5.7		.7								13.5	3.8
NE	2.8	5.0	4.3	1.4								13.5	6.6
ENE	2.1		.7	1.4								4.3	6.3
E	.7	.7	2.1									3.5	5.6
ESE	1.4				.7							2.1	7.7
SE		.7	2.1									2.8	8.3
SSE	.7	1.4										2.1	3.7
S		2.1		.7								2.8	7.0
SSW		1.4										1.4	4.5
SW													
WSW		.7	.7									1.4	6.5
W		1.4	1.4	.7								3.5	8.0
WNW		1.4										1.4	4.5
NW	2.8											2.8	2.5
NNW	2.8	2.1	.7									5.7	4.0
VARBL													
CALM												22.0	
	31.2	27.7	12.8	5.7	.7							100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 141

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | FEB (MONTH)

ALL WEATHER (CLASS) | 04 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	9.2	6.4										15.6	3.5
NNE	8.5	5.0	.7	.7								14.9	3.9
NE	7.1	5.0	2.8	2.1								17.0	5.4
ENE	2.8	2.1	1.4	1.4								7.8	5.8
E			1.4									1.4	7.0
ESE		.7	2.1									2.8	7.8
SE			.7	.7								1.4	10.5
SSE	.7											.7	2.0
S	.7				.7							1.4	11.0
SSW	.7	.7										1.4	3.5
SW			.7									.7	9.0
WSW	.7	.7										1.4	3.5
W		.7										.7	4.0
WNW				.7								.7	12.0
NW	1.4	.7										2.1	2.3
NNW	1.4	2.8										4.3	3.8
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	25.5	
	33.3	24.8	9.9	5.7	.7							100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 141

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | FEB (MONTH)

ALL WEATHER (CLASS) | 07 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	11.3	6.4	1.4									19.1	3.4
NNE	7.1	11.3	.7									19.1	3.7
NE	4.3	2.8	4.3	.7	.7							12.8	6.4
ENE	2.1		3.5	2.1								7.8	8.3
E		.7										.7	5.0
ESE	.7		1.4									2.1	7.0
SE			1.4	.7								2.1	10.7
SSE		.7										.7	4.0
S	1.4											1.4	2.5
SSW													
SW				.7								.7	14.0
WSW	.7	.7										1.4	3.5
W													
WNW	1.4											1.4	3.0
NW	.7	1.4										2.1	4.3
NNW	4.3	2.1										6.4	3.0
VARBL													
CALM												22.0	
	34.0	26.2	12.8	4.3	.7							100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 141

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | FEB (MONTH)

ALL WEATHER (CLASS) | 10 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	5.0	1.4										6.4	2.9
NNE	3.5	5.7	.7	1.4								11.3	4.9
NE	1.4	2.8	2.1	5.0	.7		.7					12.8	10.8
ENE	.7	.7	2.1	2.1	1.4							7.1	11.2
E	1.4	.7	2.1									4.3	6.3
ESE		2.8	1.4	1.4								5.7	7.5
SE			1.4	1.4								2.8	10.3
SSE		6.4	2.1	.7								9.2	6.6
S	3.5	3.5	.7									7.8	3.9
SSW													
SW		1.4	.7	.7								2.8	7.8
WSW	.7	.7	.7									2.1	6.0
W	2.1	2.6	.7									5.7	4.4
WNW	.7	.7										1.4	3.0
NW	2.1											2.1	2.0
NNW	2.1											2.1	2.3
VARBL													
CALM												16.3	
	23.4	29.8	14.9	12.8	2.1		.7					100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 141

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | FEB (MONTH)

ALL WEATHER (CLASS) | 13 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE			.7	1.4								2.1	11.3
NE		1.4	2.8	5.0								9.2	10.8
ENE		.7		2.8	.7							4.3	12.3
E			.7									.7	8.0
ESE				.7								.7	13.0
SE	.7		1.4	4.3								6.4	10.4
SSE		2.8	5.0	2.8								10.6	8.5
S	1.4	2.1	2.8	1.4								7.8	7.5
SSW	2.1	9.2	1.4									12.8	5.0
SW		4.3	2.1									6.4	5.9
WSW	1.4	2.1	2.1	.7								6.4	6.0
W	1.4	6.4	16.3	2.8								27.0	7.9
WNW		.7	.7	2.8		.7						5.0	12.3
NW			.7									.7	10.0
NNW													
VARBL													
CALM												.0	
	7.1	29.8	36.9	24.8	.7	.7						100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 141

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | FEB (MONTH)

ALL WEATHER (CLASS) | 16 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.7										.7	5.0
NNE			2.1									2.1	9.3
NE			1.4	1.4	.7							3.5	13.6
ENE			.7	.7								1.4	11.0
E		1.4										1.4	5.0
ESE													
SE	.7	.7	.7	2.1								4.3	9.3
SSE		2.1	2.1	.7								5.0	7.4
S	.7	2.8	3.5	1.4								8.5	7.7
SSW	.7	1.4	2.1									4.3	6.2
SW	1.4	1.4	1.4									4.3	4.8
WSW	3.5	5.7	.7									9.9	4.4
W	2.8	15.6	12.1	5.7	2.1							38.3	7.9
WNW	.7	1.4	12.8									14.9	8.5
NW													
NNW													
VARBL													
CALM												1.4	
	10.6	33.3	39.7	12.1	2.8							100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 141

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | FEB (MONTH)

ALL WEATHER (CLASS) | 19 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.5											3.5	2.0
NNE	2.8											2.8	2.0
NE	2.1	1.4	2.8	.7	.7							7.8	7.5
ENE	.7	.7	1.4									2.8	5.8
E	.7											.7	2.0
ESE	.7			.7								1.4	7.0
SE	.7	1.4	.7									2.8	5.5
SSE	.7	1.4	1.4	.7								4.3	6.3
S		.7	2.1	1.4								4.3	10.0
SSW	1.4	.7										2.1	3.3
SW	.7	.7										1.4	4.5
WSW	2.1	1.4										3.5	3.6
W	1.4	5.0	3.5	3.5	.7							14.2	8.2
WNW	5.0	3.5		1.4								9.9	4.8
NW	2.1	1.4										3.5	2.8
NNW	1.4	3.5	.7									5.7	5.0
VARBL													
CALM												29.1	
	26.2	22.0	12.8	8.5	1.4							100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 141

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | FEB (MONTH)

ALL WEATHER (CLASS) | 22 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	5.7	7.1	.7									13.5	3.8
NNE	6.4	2.1	.7									9.2	3.2
NE	4.3	5.7	2.8	1.4	.7							14.9	6.4
ENE	2.1	2.8	2.1	1.4								8.5	6.2
E													
ESE			.7	.7								1.4	12.0
SE		2.1		.7								2.8	8.0
SSE	.7											.7	3.0
S			.7	1.4								2.1	11.7
SSW		.7										.7	6.0
SW	.7	.7	1.4									2.8	5.5
WSW													
W	2.1	2.1	.7	2.1								7.1	6.6
WNW	2.8	1.4	.7									5.0	3.4
NW	4.3	.7										5.0	2.6
NNW	1.4	4.3	.7									6.4	4.3
VARBL													
CALM												19.9	
	30.5	29.8	11.3	7.8	.7							100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 141

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | FEB (MONTH)

ALL WEATHER (CLASS) | ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	5.7	3.4	.4	.1								9.5	3.5
NNE	4.4	3.7	.7	.5								9.4	4.2
NE	2.7	3.0	2.9	2.2	.4		.1					11.4	7.7
ENE	1.3	.9	1.5	1.5	.3							5.5	8.0
E	.4	.4	.8									1.6	5.8
ESE	.4	.4	.7	.4	.1							2.0	8.1
SE	.3	.6	1.1	1.2								3.2	9.2
SSE	.4	1.9	1.3	.6								4.2	6.9
S	1.0	1.4	1.2	.8	.1							4.5	7.2
SSW	.6	1.8	.4									2.8	5.0
SW	.4	1.1	.8	.2								2.4	6.2
WSW	1.2	1.5	.5	.1								3.3	4.8
W	1.2	4.3	4.3	1.9	.4							12.1	7.6
WNW	1.3	1.2	1.8	.6		.1						5.0	6.9
NW	1.7	.5	.1									2.3	3.0
NNW	1.7	1.9	.3									3.8	3.9
VARBL													
CALM												17.0	
	24.6	27.9	18.9	10.2	1.2	.1	.1					100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 1128

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 STATION | POINT MUGU, CALIFORNIA STATION NAME | 73-77 YEARS | MAR MONTH

ALL WEATHER CLASS | 01 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	7.1	6.5										13.5	3.3
NNE	5.8	3.9	.6									10.3	3.8
NE	3.9				.6							4.5	4.3
ENE	2.6		.6									3.2	3.4
E	.6	1.3	.6									2.6	5.8
ESE	.6	1.3	.6									2.6	5.5
SE	.6		1.3			.6						2.6	10.0
SSE	.6		.6									1.3	6.0
S			.6									.6	8.0
SSW			1.3									1.3	9.0
SW			.6									.6	8.0
WSW	.6	.6	.6									1.9	4.7
W		2.6	1.3	.6								4.5	7.3
WNW	1.3	1.9	3.9	.6								7.7	7.0
NW	2.6		.6	.6								3.9	5.7
NNW	2.6											2.6	2.3
VARBL													
CALM												36.1	
	29.0	18.1	13.5	1.9	.6	.6						100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | MAR (MONTH)

ALL WEATHER (CLASS) | 04 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	7.7	7.1	.6									15.5	3.3
NNE	8.4	5.2	1.3									14.8	3.6
NE	9.0	2.6			.6							12.3	3.6
ENE	1.9	.6										2.6	2.8
E	1.3											1.3	2.5
ESE			.6	.6								1.3	9.5
SE													
SSE		.6		.6								1.3	8.5
S	.6	.6	.6									1.9	4.7
SSW	.6		.6									1.3	6.0
SW	1.3			1.3								2.6	7.3
WSW													
W	.6	.6	2.6	.6								4.5	8.0
WNW		1.3	.6	.6								2.6	8.0
NW	1.9	1.3	.6									3.9	4.0
NNW	3.9	.6										4.5	2.6
VARBL													
CALM												29.7	
	37.4	20.6	7.7	3.9	.6							100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | MAR (MONTH)

ALL WEATHER (CLASS) | 07 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	14.8	7.7										22.6	3.0
NNE	7.7	3.9	1.3									12.9	3.9
NE	3.9	1.3			.6							5.8	4.7
ENE	1.9	.6		1.9								4.5	7.0
E	1.9	.6										2.6	3.0
ESE					.6							.6	17.0
SE		.6		.6								1.3	9.0
SSE	.6											.6	2.0
S		.6	.6									1.3	7.5
SSW		.6										.6	6.0
SW		.6										.6	6.0
WSW	.6		.6									1.3	4.5
W	.6	.6	1.9	2.6								5.8	9.1
WNW	1.9		1.3									3.2	4.2
NW	1.3	.6										1.9	3.0
NNW	1.3	1.3										2.6	3.8
VARBL													
CALM												31.6	
	36.8	19.4	5.8	5.2	1.3							100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | MAR (MONTH)

ALL WEATHER (CLASS) | 10 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3		.6									1.9	4.3
NNE			.6									.6	7.0
NE	1.3	.6	.6	3.2								5.8	10.0
ENE	1.3	.6		1.3		.6						3.9	9.5
E	1.9		1.3	.6								3.9	5.7
ESE		.6	.6	.6								1.9	9.0
SE	.6	.6	1.3	.6								3.2	7.2
SSE	.6	3.9	6.5									11.0	6.6
S	1.9	5.8										7.7	4.4
SSW	1.3	1.9										3.2	3.4
SW	1.3	1.3										2.6	4.0
WSW	3.9	1.3	.6	.6								6.5	4.5
W	4.5	10.3	9.7	5.8								30.3	7.2
WNW	1.9		.6	1.9								4.5	7.3
NW	1.3	.6										1.9	2.7
NNW	1.3	.6										1.9	3.3
VARBL													
CALM												9.0	
	24.5	28.4	22.6	14.8		.6						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 155

5702 SURFACE WINDS JAN 78

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | MAR (MONTH)

ALL WEATHER (CLASS) | 13 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	.6										1.3	3.0
NNE			.6	.6	.6							1.9	13.7
NE				1.9								1.9	12.7
ENE													
E				.6								.6	13.0
ESE			1.3	.6								1.9	11.0
SE		.6	1.9	1.3								3.9	9.3
SSE	.6	1.9	1.3									3.9	6.2
S		3.2	4.5	1.9								9.7	8.1
SSW		3.2	1.3									4.5	6.0
SW	.6	5.2	1.9									7.7	5.8
WSW	1.3	5.2	5.2									11.6	6.2
W	.6	8.4	20.6	12.9	3.2							45.8	9.9
WNW		.6		2.6	.6	.6						4.5	15.3
NW													
NNW			.6									.6	8.0
VARBL													
CALM												.0	
	3.9	29.0	39.4	22.6	4.5	.6						100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | MAR (MONTH)

ALL WEATHER (CLASS) | 16 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	.6										1.3	4.0
NNE		.6										.6	6.0
NE													
ENE				.6								.6	12.0
E													
ESE			.6	1.3								1.9	12.7
SE			.6									.6	9.0
SSE			2.6	.6								3.2	10.4
S	1.9	4.5	.6	.6								7.7	5.3
SSW	.6	1.3	.6									2.6	4.8
SW	1.3	3.9	1.3									6.5	5.3
WSW	1.3	7.7	3.2									12.3	5.5
W	.6	7.1	23.9	14.8	3.9	1.3						51.6	10.6
WNW	.6	.6	3.2	3.2	1.3	.6						9.7	11.7
NW													
NNW													
VARBL													
CALM												1.3	
	7.1	26.5	36.8	21.3	5.2	1.9						100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
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ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | MAR (MONTH)

ALL WEATHER (CLASS) | 19 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	.6										1.9	2.7
NNE	1.3		.6									1.9	4.0
NE	.6											.6	2.0
ENE													
E													
ESE	.6	.6	1.3									2.6	6.0
SE		.6										.6	6.0
SSE			.6									.6	7.0
S	.6	1.9	.6			.6						3.9	7.2
SSW	2.6		.6									3.2	3.8
SW	1.9											1.9	2.0
WSW	.6	1.3	.6									2.6	4.8
W	7.1	5.8	8.4	6.5	1.3							29.0	7.7
WNW	1.9	8.4	5.2	3.9	.6	.6						20.6	8.7
NW	3.9	1.3	.6									5.8	3.1
NNW	1.9	.6										2.6	2.8
VARBL													
CALM												21.9	
	24.5	21.3	18.7	10.3	1.9	1.3						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | MAR (MONTH)

ALL WEATHER (CLASS) | 22 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	7.1	2.6										9.7	3.1
NNE	3.2	3.2	1.3									7.7	3.9
NE	4.5	1.9			.6							7.1	4.4
ENE	.6	.6										1.3	3.0
E	1.3		.6									1.9	4.3
ESE				.6								.6	12.0
SE		.6	1.3									1.9	7.3
SSE	.6	.6	1.3	.6								3.2	7.8
S		.6										.6	4.0
SSW													
SW													
WSW	.6											.6	2.0
W	.6	1.9	8.4	2.6								13.5	8.3
WNW	5.2	5.8	3.2	2.6								16.8	6.3
NW	2.6	.6	1.9									5.2	4.8
NNW	2.6	1.3										3.9	3.5
VARBL													
CALM												25.8	
	29.0	20.0	18.1	6.5	.6							100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | MAR (MONTH)

ALL WEATHER (CLASS) | ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	5.1	3.2	.2									8.5	3.2
NNE	3.3	2.1	.8	.1	.1							6.4	4.2
NE	2.9	.8	.1	.6	.3							4.8	5.4
ENE	1.0	.3	.1	.5		.1						2.0	6.1
E	.9	.2	.3	.2								1.6	5.0
ESE	.2	.3	.6	.5	.1							1.7	9.1
SE	.2	.4	.8	.3		.1						1.8	8.5
SSE	.4	.9	1.6	.2								3.1	7.2
S	.6	2.2	1.0	.3		.1						4.2	6.2
SSW	.6	.1	.6									2.1	5.1
SW	.8	1.4	.5	.2								2.8	5.4
WSW	1.1	2.0	1.4	.1								4.6	5.3
W	1.9	4.7	9.6	5.8	1.0	.2						23.1	9.1
WNW	1.6	2.3	2.3	1.9	.3	.2						8.7	8.4
NW	1.7	.6	.5	.1								2.8	4.0
NNW	1.7	.6	.1									2.3	3.2
VARBL													
CALM												19.4	
	24.0	22.9	20.3	10.8	1.9	.6						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 1240

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | APR (MONTH)

ALL WEATHER (CLASS) | 01 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	5.3	2.7										8.0	3.0
NNE	7.3											7.3	1.8
NE	4.7		.7									5.3	2.9
ENE	4.0	1.3	.7									6.0	3.2
E													
ESE	.7											.7	3.0
SE		1.3										1.3	5.5
SSE	1.3	2.7										4.0	3.8
S	2.0	.7										2.7	3.0
SSW	.7											.7	2.0
SW	.7	.7										1.3	4.5
WSW	1.3	.7										2.0	3.3
W	2.7	1.3	2.0	.7								6.7	5.5
WNW	2.0	.7	2.7	.7								6.0	6.6
NW	2.0											2.0	2.0
NNW	2.7	.7										3.3	2.4
VARBL													
CALM												42.7	
	37.3	12.7	6.0	1.3								100.0	2.1

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 STATION | POINT MUGU, CALIFORNIA STATION NAME | 73-77 YEARS | APR MONTH

ALL WEATHER CLASS | 04 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	8.7	.7	.7									10.0	2.7
NNE	11.3	1.3										12.7	2.5
NE	8.0	2.0										10.0	2.6
ENE	2.0	.7	.7									3.3	4.0
E	2.7											2.7	2.3
ESE													
SE		2.0										2.0	5.0
SSE		.7	.7									1.3	5.5
S	.7											.7	2.0
SSW		1.3										1.3	4.0
SW													
WSW													
W			.7	1.3								2.0	13.0
WNW	1.3	1.3	.7									3.3	4.8
NW	.7											.7	1.0
NNW	2.7	.7										3.3	2.6
VARBL													
CALM												46.7	
	38.0	10.7	3.3	1.3								100.0	1.8

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | APR (MONTH)

ALL WEATHER (CLASS) | 07 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	12.0	3.3										15.3	2.7
NNE	14.7											14.7	2.1
NE	6.0	1.3		.7								8.0	3.5
ENE	.7	.7	.7	1.3								3.3	7.6
E	1.3	.7										2.0	3.7
ESE	2.0											2.0	1.3
SE	.7	.7										1.3	3.5
SSE	.7	2.0										2.7	4.0
S			.7									.7	9.0
SSW		1.3										1.3	4.5
SW													
WSW													
W		.7	1.3	1.3								3.3	9.8
WNW		2.0	.7									2.7	5.0
NW	.7											.7	1.0
NNW		1.3										1.3	5.5
VARBL													
CALM												40.7	
	38.7	14.0	3.3	3.3								100.0	2.2

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | APR (MONTH)

ALL WEATHER (CLASS) | 10 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.7										.7	4.0
NNE													
NE	.7	.7	1.3	2.0								4.7	9.7
ENE					1.3							1.3	19.5
E													
ESE		.7										.7	4.0
SE		.7	2.0	1.3								4.0	9.7
SSE	1.3	3.3	2.7	.7								8.0	6.4
S	.7	5.3	6.0									12.0	6.3
SSW	2.0	7.3	.7									10.0	4.8
SW	2.0	2.0	.7									4.7	3.9
WSW	4.0	7.3	2.0									13.3	4.8
W	2.0	12.7	13.3	4.0								32.0	7.3
WNW			.7	1.3								2.0	11.7
NW				.7								.7	14.0
NNW		.7										.7	6.0
VARBL													
CALM												5.3	
	12.7	41.3	29.3	10.0	1.3							100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | APR (MONTH)

ALL WEATHER (CLASS) | 13 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE		.7										.7	6.0
NE				.7								.7	13.0
ENE			.7									.7	10.0
E													
ESE			.7									.7	10.0
SE		.7	.7									1.3	7.0
SSE			1.3	.7								2.0	9.3
S		1.3	4.0	.7								6.0	8.0
SSW		6.0	4.7	.7								11.3	6.9
SW		6.0	4.7									10.7	6.2
WSW	.7	7.3	7.3	1.3	.7							17.3	7.5
W	.7	8.0	23.3	12.7	.7							45.3	9.3
WNW			1.3	1.3	.7							3.3	13.0
NW													
NNW													
VARBL													
CALM												.0	
	1.3	30.0	48.7	18.0	2.0							100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | APR (MONTH)

ALL WEATHER (CLASS) | 16 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7											.7	2.0
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE			.7									.7	7.0
S	.7	.7	1.3	.7								3.3	7.4
SSW		4.7	2.7									7.3	6.3
SW		2.7	.7									3.3	5.8
WSW	2.7	6.7	2.0	.7								12.0	5.5
W	2.7	16.7	28.7	10.7	4.7	.7						64.0	8.9
WNW			4.0	2.7								6.7	10.8
NW			.7									.7	8.0
NNW													
VARBL													
CALM												1.3	
	6.7	31.3	40.7	14.7	4.7	.7						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | APR (MONTH)

ALL WEATHER (CLASS) | 19 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3											1.3	2.0
NNE													
NE		1.3										1.3	4.0
ENE													
E													
ESE													
SE													
SSE	.7											.7	3.0
S	1.3	.7	.7									2.7	4.0
SSW	2.0	.7	.7									3.3	3.8
SW	1.3	2.0										3.3	3.4
WSW		3.3										3.3	4.4
W	9.3	12.7	2.7	7.3	1.3							33.3	6.6
WNW	7.3	7.3	4.7	1.3								20.7	5.4
NW	5.3	3.3		1.3								10.0	4.0
NNW	3.3	1.3										4.7	3.1
VARBL													
CALM												15.3	
	32.0	32.7	8.7	10.0	1.3							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 150

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 STATION | POINT MUGU, CALIFORNIA STATION NAME | 73-77 YEARS | APR MONTH

ALL WEATHER CLASS | 22 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.7	2.0										4.7	3.1
NNE	2.7	1.3										4.0	3.0
NE	1.3											1.3	2.0
ENE		.7										.7	4.0
E													
ESE		.7	.7									1.3	6.5
SE		.7										.7	6.0
SSE	2.0											2.0	2.0
S	.7	.7										1.3	4.5
SSW	1.3	1.3										2.7	4.0
SW	.7											.7	2.0
WSW	1.3			.7								2.0	5.0
W	2.7	3.3	5.3	1.3								12.7	6.8
WNW	4.7	1.3	1.3	1.3								8.7	5.5
NW	5.3	2.7										8.0	3.0
NNW	2.7	2.7										5.3	3.3
VARBL													
CALM												44.0	
	28.0	17.3	7.3	3.3								100.0	2.5

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) | POINT MUGU, CALIFURNIA (STATION NAME) | 73-77 (YEARS) | APR (MONTH)

ALL WEATHER (CLASS) | ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.8	1.2	.1									5.1	2.8
NNE	4.5	.4										4.9	2.4
NE	2.6	.7	.2	.4								3.9	4.2
ENE	.8	.4	.3	.2	.2							1.9	6.1
E	.5	.1										.6	2.9
ESE	.3	.2	.2									.7	4.3
SE	.1	.7	.3	.2								1.3	6.9
SSE	.7	1.1	.7	.2								2.7	5.3
S	.7	1.2	1.6	.2								3.7	6.2
SSW	.7	2.8	1.1	.1								4.7	5.5
SW	.6	1.7	.7									3.0	5.1
WSW	1.2	3.2	1.4	.3	.1							6.2	5.8
W	2.5	6.9	9.7	4.9	.8	.1						24.9	8.2
WNW	1.9	1.6	2.0	1.1	.1							6.7	6.9
NW	1.7	.7	.1	.2								2.8	3.7
NNW	1.4	.9										2.3	3.2
VARBL													
CALM												24.5	
	24.3	23.7	18.4	7.7	1.2	.1						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 1200

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | MAY (MONTH)

ALL WEATHER (CLASS) | 01 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.2											3.2	2.2
NNE	1.3	.6										1.9	3.0
NE	2.6	.6	.6									3.9	3.3
ENE	.6	.6										1.3	3.5
E	1.3											1.3	2.0
ESE		1.3	.6									1.9	6.0
SE	.6	2.6	.6									3.9	5.7
SSE	.6	1.9	3.2									5.8	7.1
S	1.9	1.9		.6								4.5	4.6
SSW	1.9	.6										2.6	3.5
SW	.6											.6	2.0
WSW	1.9	.6										2.6	2.8
W	1.9	2.6	1.9	.6								7.1	6.0
WNW	4.5	1.9		1.3								7.7	4.3
NW	3.2	1.3										4.5	2.7
NNW	1.9	.6										2.6	3.3
VARBL													
CALM												44.5	
	28.4	17.4	7.1	2.6								100.0	2.4

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | MAY (MONTH)

ALL WEATHER (CLASS) | 04 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	7.7											7.7	1.8
NNE	5.8	1.3										7.1	2.7
NE	7.1											7.1	2.4
ENE	1.9	1.3										3.2	2.8
E	1.3	1.3										2.6	3.0
ESE	.6	1.3	.6									2.6	4.8
SE	.6	.6	1.3									2.6	5.3
SSE	.6	1.9	.6									3.2	5.0
S	.6		.6									1.3	4.5
SSW	1.3											1.3	2.0
SW	.6		.6									1.3	6.0
WSW													
W	1.3	1.3										2.6	3.8
WNW	.6	1.9	.6	.6								3.9	5.7
NW	2.6											2.6	2.3
NNW	3.2											3.2	2.6
VARBL													
CALM												47.7	
	36.1	11.0	4.5	.6								100.0	1.7

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | MAY (MONTH)

ALL WEATHER (CLASS) | 07 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	7.1	1.3										8.4	2.7
NNE	11.6	1.9										13.5	2.5
NE	7.1	2.6										9.7	2.9
ENE	1.3	1.3										2.6	3.0
E	1.9			.6								2.6	4.8
ESE	.6		.6									1.3	5.0
SE		2.6	.6									3.2	5.2
SSE	1.9	2.6										4.5	4.0
S	2.6	1.9										4.5	3.4
SSW	.6											.6	3.0
SW	.6	.6										1.3	3.5
WSW	.6	.6										1.3	4.0
W	1.9	1.9	.6									4.5	4.7
WNW	3.2	1.3	1.9									6.5	4.5
NW	3.2											3.2	2.0
NNW	1.9	.6										2.6	2.3
VARBL													
CALM												29.7	
	46.5	19.4	3.9	.6								100.0	2.4

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | MAY (MONTH)

ALL WEATHER (CLASS)

10 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6											.6	3.0
NNE													
NE													
ENE													
E													
ESE													
SE			.6	1.9								2.6	12.0
SSE		1.9	2.6	1.3								5.8	7.8
S	3.9	7.1	5.2	.6								16.8	5.5
SSW	1.9	6.5	4.5									12.9	5.5
SW	.6	5.8										6.5	5.0
WSW	2.6	7.7	1.9									12.3	5.2
W	2.6	16.1	16.1	1.3	.6							36.8	6.9
WNW		1.3	3.2	.6								5.2	8.4
NW													
NNW													
VARBL													
CALM												.6	
	12.3	46.5	34.2	5.8	.6							100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | MAY (MONTH)

ALL WEATHER (CLASS) | 13 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE			.6									.6	10.0
SSE				.6								.6	11.0
S		1.3	3.2	1.3	.6							6.5	9.4
SSW	.6	5.2	5.2	.6								11.6	6.6
SW		5.2	3.2									8.4	6.1
WSW	1.3	12.9	8.4									22.6	6.3
W		12.9	26.5	4.5	1.9							45.8	8.6
WNW		.6	1.9		1.3							3.9	11.0
NW													
NNW													
VARBL													
CALM												.0	
	1.9	38.1	49.0	7.1	3.9							100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 — STATION
POINT MUGU, CALIFORNIA — STATION NAME
73-77 — YEARS
MAY — MONTH

ALL WEATHER — CLASS
16 — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE			.6									.6	8.0
SSE			.6	.6								1.3	10.5
S	1.3	2.6	1.3									5.2	5.8
SSW	.6	3.2	1.3									5.2	5.8
SW		4.5	2.6									7.1	6.1
WSW		7.7	5.2									12.9	6.2
W	1.3	14.2	38.7	6.5	1.3	.6						62.6	8.5
WNW		.6	3.9	.6								5.2	8.5
NW													
NNW													
VARBL													
CALM												.0	
	3.2	32.9	54.2	7.7	1.3	.6						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | MAY (MONTH)

ALL WEATHER (CLASS)

19 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.6										.6	5.0
NNE		.6										.6	4.0
NE													
ENE													
E													
ESE													
SE		.6										.6	6.0
SSE	.6	.6										1.3	4.0
S	1.3	.6		.6								2.6	6.0
SSW	1.3	1.3		.6								3.2	5.4
SW	1.3	1.3										2.6	3.5
WSW	1.9	2.6		.6								5.2	4.6
W	11.0	18.1	5.8	3.2	.6							38.7	5.7
WNW	9.0	16.8	2.6	1.3								29.7	4.7
NW	4.5	1.9										6.5	3.3
NNW	.6		.6									1.3	5.0
VARBL													
CALM												7.1	
	31.6	45.2	9.0	6.5	.6							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | MAY (MONTH)

ALL WEATHER (CLASS) | 22 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.9	.6										4.5	2.4
NNE	1.9											1.9	1.3
NE	.6	.6										1.3	3.0
ENE													
E		.6										.6	4.0
ESE			.6									.6	8.0
SE		.6	1.3									1.9	7.7
SSE	2.6	2.6		.6	.6							6.5	5.8
S	1.3	3.2										4.5	4.3
SSW													
SW	1.3											1.3	1.5
WSW	1.3	1.3										2.6	3.8
W	5.2	4.5	3.9	1.3								14.8	5.3
WNW	7.7	6.5	.6	1.9								16.8	4.5
NW	4.5	.6										5.2	2.6
NNW	2.6											2.6	2.3
VARBL													
CALM												34.8	
	32.9	21.3	6.5	3.9	.6							100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 STATION | POINT MUGU, CALIFORNIA STATION NAME | 73-77 YEARS | MAY MONTH

ALL WEATHER CLASS | ALL HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.8	.3										3.1	2.4
NNE	2.6	.6										3.1	2.6
NE	2.2	.5	.1									2.7	2.8
ENE	.5	.4										.9	3.0
E	.6	.2		.1								.9	3.3
ESE	.2	.3	.3									.8	5.5
SE	.2	.9	.7	.2								2.0	7.0
SSE	.8	1.5	.9	.4	.1							3.6	6.3
S	1.6	2.3	1.3	.4	.1							5.7	5.7
SSW	1.0	2.1	1.4	.2								4.7	5.6
SW	.6	2.2	.8									3.6	5.2
WSW	1.2	4.2	1.9	.1								7.4	5.6
W	3.1	9.0	11.7	2.2	.6	.1						26.6	7.3
WNW	3.1	3.9	1.9	.8	.2							9.8	5.5
NW	2.3	.5										2.7	2.7
NNW	1.3	.2	.1									1.5	2.8
VARBL													
CALM												20.6	
	24.1	29.0	21.0	4.4	.9	.1						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 1240

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | JUN (MONTH)

ALL WEATHER (CLASS) | 01 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.0	1.3										3.3	2.8
NNE	2.7	.7										3.3	2.2
NE	1.3											1.3	1.5
ENE	1.3											1.3	2.5
E	2.0											2.0	2.7
ESE	.7	.7										1.3	3.5
SE		4.7	1.3									6.0	5.7
SSE	1.3	2.7	.7									4.7	5.3
S	2.0	.7										2.7	3.3
SSW	.7	.7										1.3	3.5
SW		1.3										1.3	5.0
WSW	.7	.7										1.3	3.0
W	6.7	4.0										10.7	3.1
WNW	6.0	2.0		.7								8.7	3.4
NW	2.7	.7										3.3	2.4
NNW	4.7	1.3										6.0	2.4
VARBL													
CALM												41.3	
	34.7	21.3	2.0	.7								100.0	2.0

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 STATION | POINT MUGU, CALIFORNIA STATION NAME | 73-77 YEARS | JUN MONTH

ALL WEATHER CLASS | 04 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	9.3	.7										10.0	2.1
NNE	3.3											3.3	2.2
NE	2.7	1.3										4.0	3.0
ENE	1.3	.7										2.0	2.7
E	2.0	.7										2.7	2.5
ESE													
SE	1.3	1.3										2.7	3.3
SSE	1.3	.7	.7									2.7	5.0
S	1.3	2.0										3.3	3.8
SSW													
SW	1.3											1.3	3.0
WSW	.7											.7	3.0
W	2.0	2.0										4.0	3.3
WNW	3.3	3.3	.7									7.3	3.7
NW	1.3											1.3	2.0
NNW	2.7											2.7	2.0
VARBL													
CALM												52.0	
	34.0	12.7	1.3									100.0	1.4

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

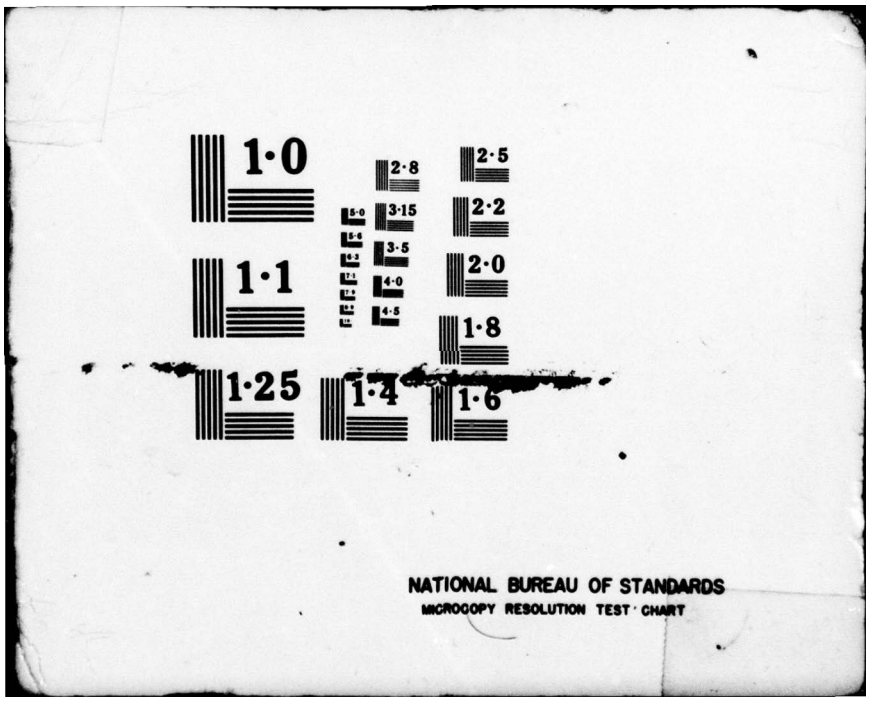
5702 SURFACE WINDS JAN 78

AD-A060 972 NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE N C F/G 4/2
SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE (SMOS) POINT MU--ETC(U)
JUL 78

UNCLASSIFIED NL

2 OF 4
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NATIONAL BUREAU OF STANDARDS
MICROCOPY RESOLUTION TEST CHART

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | JUN (MONTH)

ALL WEATHER (CLASS) | 07 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.7	2.7										7.3	2.7
NNE	4.0	2.7										6.7	3.0
NE	2.7	.7										3.3	2.6
ENE	4.0	1.3										5.3	2.9
E	.7											.7	2.0
ESE	2.0		1.3									3.3	3.8
SE													
SSE	.7	1.3										2.0	4.7
S	.7	2.0	.7									3.3	5.4
SSW	.7											.7	2.0
SW	.7											.7	2.0
WSW	2.0											2.0	2.0
W	4.7	2.7	1.3									8.7	3.9
WNW	4.7	3.3	.7									8.7	3.3
NW	1.3											1.3	2.5
NNW	5.3	.7										6.0	2.6
VARBL													
CALM												40.0	
	38.7	17.3	4.0									100.0	1.9

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | JUN (MONTH)

ALL WEATHER (CLASS) | 10 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE		2.0	1.3									3.3	6.6
SSE	.7	2.7	2.7	1.3								7.3	7.1
S	3.3	8.7	5.3	.7								18.0	5.8
SSW	1.3	6.7	1.3									9.3	5.4
SW	2.0	2.7	1.3									6.0	4.4
WSW	3.3	11.3	1.3									16.0	4.9
W	4.0	18.0	13.3	.7								36.0	6.1
WNW			2.0									2.0	8.0
NW													
NNW													
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	2.0	
	14.7	52.0	28.7	2.7								100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | JUN (MONTH)

ALL WEATHER (CLASS) | 13 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE			.7	.7								1.3	9.5
S		1.3	8.0	.7								10.0	7.5
SSW	.7	4.0	6.0									10.7	6.8
SW		5.3	2.7									8.0	6.3
WSW		11.3	5.3	.7								17.3	6.2
W		10.7	34.7	3.3								48.7	8.2
WNW		.7	3.3									4.0	8.3
NW													
NNW													
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	.0	
	.7	33.3	60.7	5.3								100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | JUN (MONTH)

ALL WEATHER (CLASS)

16 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S	.7		2.0									2.7	6.3
SSW	.7	4.7	1.3									6.7	5.9
SW		4.0	2.0									6.0	6.4
WSW	1.3	11.3	3.3									16.0	5.3
W	1.3	18.0	34.7	4.0	.7							58.7	7.8
WNW	.7	2.7	3.3	2.7								9.3	7.9
NW													
NNW													
VARBL													
CALM												.7	
	4.7	40.7	46.7	6.7	.7							100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | JUN (MONTH)

ALL WEATHER (CLASS) | 19 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.7										.7	5.0
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE	.7	.7	.7									2.0	5.0
S	1.3											1.3	2.5
SSW	.7	1.3										2.0	3.7
SW	2.0	.7										2.7	2.5
WSW	4.0	2.0	.7									6.7	3.4
W	14.0	22.0	4.0	.7								40.7	4.5
WNW	7.3	16.7	3.3									27.3	4.7
NW	2.7	5.3	.7									8.7	4.0
NNW		1.3										1.3	5.0
VARBL													
CALM												6.7	
	32.7	50.7	9.3	.7								100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) — POINT MUGU, CALIFORNIA (STATION NAME) — 73-77 (YEARS) — JUN (MONTH)

ALL WEATHER (CLASS) — 22 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	.7										2.0	2.7
NNE													
NE													
ENE													
E													
ESE		.7	1.3									2.0	7.3
SE		1.3	.7									2.0	6.0
SSE		.7	1.3	.7								2.7	8.0
S	2.7	2.0										4.7	3.7
SSW	1.3		.7									2.0	5.3
SW	1.3											1.3	2.0
WSW	.7											.7	2.0
W	8.7	5.4	1.3									15.4	3.8
WNW	12.8	4.0	.7									17.4	3.0
NW	8.7	2.7										11.4	2.6
NNW	4.7	2.0										6.7	2.6
VARBL													
CALM												31.5	
	42.3	19.5	6.0	.7								100.0	2.4

TOTAL NUMBER OF OBSERVATIONS 149

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) — POINT MUGU, CALIFORNIA (STATION NAME) — 73-77 (YEARS) — JUN (MONTH)

ALL WEATHER (CLASS) — ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.2	.8										2.9	2.5
NNE	1.3	.4										1.7	2.6
NE	.8	.3										1.1	2.6
ENE	.8	.3										1.1	2.8
E	.6	.1										.7	2.5
ESE	.3	.2	.3									.8	4.8
SE	.2	1.2	.4									1.8	5.5
SSE	.6	1.1	.8	.3								2.8	6.3
S	1.5	2.1	2.0	.2								5.8	5.6
SSW	.8	2.2	1.2									4.1	5.7
SW	.9	1.8	.8									3.4	5.0
WSW	1.6	4.6	1.3	.1								7.6	5.0
W	5.2	10.3	11.2	1.1	.1							27.9	6.3
WNW	4.3	4.1	1.8	.4								10.6	4.6
NW	2.1	1.1	.1									3.3	3.0
NNW	2.2	.7										2.8	2.6
VARBL													
CALM												21.8	
	25.3	30.9	19.8	2.1	.1							100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 1199

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | JUL (MONTH)

ALL WEATHER (CLASS) | 01 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.5	.6										5.2	2.8
NNE	.6											.6	2.0
NE	2.6											2.6	2.3
ENE	2.6	.6										3.2	2.2
E	1.3	.6										1.9	3.0
ESE	.6	1.3										1.9	3.3
SE		1.3	1.9									3.2	7.0
SSE	.6	1.9	1.3									3.9	5.0
S	.6	1.3	1.3									3.2	5.6
SSW	.6	.6										1.3	3.5
SW	1.3											1.3	2.0
WSW	.6											.6	3.0
W	7.7	.6										8.4	2.7
WNW	6.5	.6										7.1	2.5
NW	.6	.6										1.3	3.0
NNW	2.6											2.6	1.8
VARBL													
CALM												51.6	
	33.5	10.3	4.5									100.0	1.6

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | JUL (MONTH)

ALL WEATHER (CLASS) | 04 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.9											3.9	2.0
NNE	8.4	1.9										10.3	2.8
NE	7.1	1.9										9.0	2.9
ENE	2.6	1.3										3.9	2.8
E	1.3	.6										1.9	3.3
ESE													
SE		1.3										1.3	5.0
SSE	1.3		.6									1.9	4.7
S	.6											.6	3.0
SSW	1.3											1.3	2.5
SW	.6											.6	3.0
WSW	1.9											1.9	2.0
W	3.9	.6										4.5	2.6
WNW	.6	.6										1.3	3.5
NW	1.3											1.3	2.0
NNW	1.9	.6										2.6	2.5
VARBL													
CALM												53.5	
	36.8	9.0	.6									100.0	1.3

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | JUL (MONTH)

ALL WEATHER (CLASS) | 07 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	10.3		.6									11.0	2.5
NNE	11.6	1.9										13.5	2.6
NE	3.9	3.2										7.1	3.0
ENE	2.6	.6										3.2	3.4
E		1.9										1.9	5.0
ESE	1.3											1.3	2.5
SE	1.3		.6									1.9	4.0
SSE	.6	1.3										1.9	4.7
S	2.6	.6										3.2	2.8
SSW	1.3											1.3	2.0
SW	1.3											1.3	2.5
WSW	.6	.6										1.3	2.5
W	1.3	.6										1.9	3.0
WNW	2.6											2.6	2.3
NW	2.6	.6										3.2	3.0
NNW	6.5	.6										7.1	2.5
VARBL													
CALM												36.1	
	50.3	12.3	1.3									100.0	1.8

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | JUL (MONTH)

ALL WEATHER (CLASS) | 10 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E	.6											.6	1.0
ESE													
SE			.6									.6	7.0
SSE		1.9	3.9		.6							6.5	8.3
S	.6	5.2	4.5	.6								11.0	6.5
SSW	1.9	11.6	1.9									15.5	5.1
SW	2.6	9.7	1.3									13.5	4.7
WSW	3.2	8.4	2.6									14.2	5.1
W	1.3	21.9	10.3	.6								34.2	5.8
WNW		.6	1.3									1.9	6.7
NW													
NNW													
VARBL													
CALM												1.9	
	10.3	59.4	26.5	1.3	.6							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | JUL (MONTH)

ALL WEATHER (CLASS) | 13 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE				.6								.6	14.0
S		3.2	2.6									5.8	6.8
SSW		3.9	6.5									10.3	7.4
SW	1.9	3.9	5.8									11.6	6.0
WSW		13.5	8.4									21.9	6.3
W		13.5	30.3	.6								44.5	7.5
WNW			3.2	1.9								5.2	9.4
NW													
NNW													
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	.0	
	1.9	38.1	56.8	3.2								100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111	POINT MUGU, CALIFORNIA	73-77	JUL
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

16
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S	.6	1.9	.6	.6								3.9	6.0
SSW	1.3	3.9	.6									5.8	4.9
SW		2.6	1.3									3.9	6.3
WSW	.6	10.3	1.3									12.3	5.6
W	1.3	25.2	43.9	.6								71.0	7.2
WNW		1.3	1.3	.6								3.2	8.0
NW													
NNW													
VARBL													
CALM												.0	
	3.9	45.2	49.0	1.9								100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | JUL (MONTH)

ALL WEATHER (CLASS) | 19 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE			.6									.6	8.0
SSE		1.3	.6									1.9	6.3
S		.6										.6	4.0
SSW	1.3											1.3	2.5
SW	1.3	.6										1.9	3.3
WSW	2.6	.6	.6									3.9	3.3
W	12.3	22.1	1.3									35.7	4.0
WNW	13.0	22.7	3.9									39.6	4.3
NW	3.9	5.8										9.7	3.4
NNW		.6										.6	4.0
VARBL													
CALM												3.9	
	34.4	54.5	7.1									100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 154

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | JUL (MONTH)

ALL WEATHER (CLASS) | 22 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6											.6	2.0
NNE													
NE	.6											.6	3.0
ENE													
E													
ESE													
SE			1.3	1.3								2.6	10.3
SSE		.6	.6									1.3	6.5
S	1.3	.6	.6									2.6	4.5
SSW	1.3											1.3	2.0
SW	.6	.6										1.3	4.0
WSW	.6											.6	2.0
W	5.2	3.2										8.4	3.0
[illegible]	15.6	1.3	.6									17.5	2.4
NW	10.4	2.6										13.0	2.6
NNW	9.7	1.9										11.7	2.6
VARBL													
CALM												38.3	
	46.1	11.0	3.2	1.3								100.0	1.9

TOTAL NUMBER OF OBSERVATIONS 154

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | JUL (MONTH)

ALL WEATHER (CLASS) | ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.4	.1	.1									2.6	2.5
NNE	2.6	.5										3.1	2.6
NE	1.8	.6										2.4	2.8
ENE	1.0	.3										1.3	2.8
E	.4	.4										.8	3.5
ESE	.2	.2										.4	3.0
SE	.2	.3	.6	.2								1.3	7.1
SSE	.3	.9	.9	.1	.1							2.3	6.7
S	.8	1.7	1.2	.2								3.9	5.7
SSW	1.1	2.5	1.1									4.8	5.2
SW	1.2	2.2	1.1									4.4	5.0
WSW	1.3	4.2	1.6									7.1	5.3
W	4.1	11.0	10.7	.2								26.1	6.0
WNW	4.8	3.4	1.3	.3								9.8	4.2
NW	2.3	1.2										3.6	2.9
NNW	2.6	.5										3.1	2.5
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	23.2	
	27.1	30.0	18.7	1.0	.1							100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 1238

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | AUG (MONTH)

ALL WEATHER (CLASS) | 01 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	1.3										3.2	2.4
NNE	1.3	.6										1.9	3.0
NE	3.2	1.3										4.5	2.7
ENE													
E	.6	.6										1.3	3.0
ESE		.6										.6	6.0
SE		1.9	1.9									3.9	7.2
SSE	.6	5.8										6.5	4.7
S		.6										.6	4.0
SSW													
SW													
WSW	1.9	.6										2.6	3.3
W	3.9	3.9										7.7	3.3
WNW	5.2	1.9										7.1	2.7
NW	1.9											1.9	1.3
NNW	5.2											5.2	2.0
VARBL													
CALM												52.9	
	25.8	19.4	1.9									100.0	1.6

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | AUG (MONTH)

ALL WEATHER (CLASS) | 04 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	5.2	1.9										7.1	2.9
NNE	3.2	1.9										5.2	2.9
NE	5.8	2.6										8.4	2.8
ENE	3.2	.6										3.9	2.7
E	.6	.6										1.3	2.5
ESE	1.3	1.3										2.6	3.3
SE	1.3	.6										1.9	3.3
SSE	.6	1.3	.6									2.6	4.8
S	2.6											2.6	2.0
SSW	1.3											1.3	2.5
SW													
WSW	1.3											1.3	2.0
W	1.9											1.9	1.7
WNW	1.3											1.3	3.0
NW	3.2											3.2	2.0
NNW	1.3											1.3	1.5
VARBL													
CALM												54.2	
	34.2	11.0	.6									100.0	1.3

TOTAL NUMBER OF OBSERVATIONS 155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | AUG (MONTH)

ALL WEATHER (CLASS) | 07 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	7.1	1.9										9.0	2.7
NNE	12.9	3.9	.6									17.4	2.9
NE	6.5	3.2										9.7	2.9
ENE	.6	.6	.6									1.9	5.0
E	1.3	.6										1.9	3.0
ESE	.6	1.3	.6									2.6	4.5
SE	.6											.6	2.0
SSE	1.9											1.9	2.0
S		.6										.6	4.0
SSW													
SW													
WSW	2.6											2.6	2.0
W	1.9	1.9										3.9	3.5
WNW	1.9	.6										2.6	2.8
NW	1.3	.6										1.9	3.0
NNW	3.2											3.2	1.6
VARBL													
CALM												40.0	
	42.6	15.5	1.9									100.0	1.7

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | AUG (MONTH)

ALL WEATHER (CLASS) | 10 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE	.6		.6									1.3	6.0
SE		1.3										1.3	5.5
SSE	1.3	1.9	2.6	.6								6.5	6.7
S	1.9	11.0	2.6									15.5	5.2
SSW	1.9	12.3	3.2									17.4	5.3
SW	3.2	7.7	.6									11.6	3.8
WSW	1.9	8.4										10.3	4.4
W	2.6	14.2	14.8									31.6	6.4
WNW	.6	1.9										2.6	4.5
NW													
NNW													
VARBL													
CALM												1.9	
	14.2	58.7	24.5	.6								100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 STATION | POINT MUGU, CALIFORNIA STATION NAME | 73-77 YEARS | AUG MONTH

ALL WEATHER CLASS | 13 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE			1.3									1.3	8.0
S		5.2	3.9	.6								9.7	6.7
SSW	.6	.6	4.5									5.8	7.0
SW	.6	7.7	7.7	.6								16.8	6.7
WSW		13.5	9.0									22.6	6.3
W	.6	11.6	24.5	4.5								41.3	7.7
WNW		.6	1.3	.6								2.6	8.5
NW													
NNW													
VARBL													
CALM												.0	
	1.9	39.4	52.3	6.5								100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | AUG (MONTH)

ALL WEATHER (CLASS) | 16 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6											.6	2.0
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE			.6									.6	8.0
S		1.3	.6	.6								2.6	7.5
SSW		2.6	1.3									3.9	6.0
SW		3.9	.6									4.5	5.0
WSW	.6	9.7	4.5									14.8	5.7
W		18.1	40.0	5.8								63.9	7.7
WNW		1.9	5.2	1.3								8.4	7.5
NW			.6									.6	10.0
NNW													
VARBL													
CALM												.0	
	1.3	37.4	53.5	7.7								100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | AUG (MONTH)

ALL WEATHER (CLASS) | 19 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE			.6									.6	8.0
S		.6										.6	5.0
SSW	1.3	1.3										2.6	3.5
SW		1.3										1.3	4.5
WSW	1.9											1.9	2.0
W	7.7	10.3	5.2									23.2	4.8
WNW	14.8	18.7	3.2									36.8	4.1
NW	11.0	10.3										21.3	3.4
NNW	1.9	2.6	1.3									5.8	4.6
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	5.8	
	38.7	45.2	10.3									100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | AUG (MONTH)

ALL WEATHER (CLASS) | 22 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.6											2.6	2.3
NNE	.6											.6	3.0
NE		.6										.6	4.0
ENE													
E													
ESE													
SE		1.9	.6									2.6	5.8
SSE	.6	.6	.6									1.9	5.3
S	1.3	.6										1.9	3.7
SSW													
SW													
WSW	.6	1.3										1.9	4.3
W	1.3	4.5										5.8	3.6
WNW	14.8	6.5	.6									21.9	3.1
NW	13.5	3.2										16.8	2.7
NNW	4.5	1.3										5.8	2.4
VARBL													
CALM												37.4	
	40.0	20.6	1.9									100.0	2.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | AUG (MONTH)

ALL WEATHER (CLASS) | ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.2	.6										2.8	2.7
NNE	2.3	.8	.1									3.1	2.9
NE	1.9	1.0										2.9	2.9
ENE	.5	.2	.1									.7	3.4
E	.3	.2										.6	2.9
ESE	.3	.4	.2									.9	4.5
SE	.2	.7	.3									1.3	5.6
SSE	.6	1.2	.8	.1								2.7	5.5
S	.7	2.5	.9	.2								4.3	5.4
SSW	.6	2.1	1.1									3.9	5.4
SW	.5	2.6	1.1	.1								4.3	5.4
WSW	1.4	4.2	1.7									7.3	5.2
W	2.5	8.1	10.6	1.3								22.4	6.6
WNW	4.8	4.0	1.3	.2								10.4	4.1
NW	3.9	1.6	.1									5.7	3.0
NNW	2.0	.5	.2									2.7	2.7
VARBL													
CALM												24.0	
	24.8	30.9	18.4	1.9								100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 1240

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 STATION | POINT MUGU, CALIFORNIA STATION NAME | 73-77 YEARS | SEP MONTH

ALL WEATHER CLASS | 01 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.0											4.0	1.7
NNE	6.0		.7									6.7	3.1
NE	4.7	1.3										6.0	2.4
ENE	2.0	.7										2.7	2.5
E	.7	.7										1.3	3.0
ESE		3.3										3.3	5.2
SE	2.0	.7	.7									3.3	4.0
SSE	2.7	2.0	3.3									8.0	4.9
S	.7	.7										1.3	3.0
SSW	.7											.7	2.0
SW	1.3											1.3	2.0
WSW	1.3											1.3	1.5
W	2.0	1.3										3.3	3.6
WNW	4.0	1.3										5.3	3.0
NW	2.7	.7	.7									4.0	3.3
NNW	2.0											2.0	2.3
VARBL													
CALM												45.3	
	36.7	12.7	5.3									100.0	1.8

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | SEP (MONTH)

ALL WEATHER (CLASS) | 04 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	6.7	2.7										9.3	2.8
NNE	7.3	2.0	.7									10.0	3.1
NE	4.7	2.7		.7								8.0	3.4
ENE	1.3	3.3										4.7	3.7
E	2.0	.7										2.7	3.0
ESE	.7	.7	.7									2.0	5.7
SE	1.3	.7	.7									2.7	4.0
SSE	1.3		.7									2.0	5.0
S	2.0	.7										2.7	2.8
SSW													
SW													
WSW													
W	2.0	1.3										3.3	3.4
WNW	.7		.7									1.3	5.0
NW													
NNW	2.0	.7										2.7	2.5
VARBL													
CALM												48.7	
	32.0	15.3	3.3	.7								100.0	1.7

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | SEP (MONTH)

ALL WEATHER (CLASS) | 07 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	8.0	.7										8.7	2.3
NNE	6.7	4.0										10.7	2.8
NE	4.7	4.7	1.3	.7								11.3	4.3
ENE		1.3	.7									2.0	6.3
E	2.0	.7										2.7	2.8
ESE		.7										.7	4.0
SE	.7	1.3										2.0	5.0
SSE	2.0	.7										2.7	3.0
S	1.3	1.3										2.7	4.0
SSW	.7	2.0										2.7	4.5
SW	1.3											1.3	1.5
WSW		.7										.7	4.0
W	2.0											2.0	2.3
WNW	1.3	.7										2.0	2.7
NW	3.3	.7										4.0	2.2
NNW	3.3	.7										4.0	2.8
VARBL													
CALM												40.0	
	37.3	20.0	2.0	.7								100.0	2.0

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | SEP (MONTH)

ALL WEATHER (CLASS) | 10 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7											.7	2.0
NNE													
NE			.7									.7	9.0
ENE	.7			.7								1.3	9.0
E													
ESE		.7	.7									1.3	7.0
SE	.7	2.0		.7								3.3	6.0
SSE	.7	2.0	2.7	1.3								6.7	7.4
S	6.0	6.0	4.7									16.7	5.1
SSW	2.7	4.0	2.7									9.3	5.0
SW	2.7	.7	1.3									4.7	4.0
WSW	.7	12.0	.7									13.3	4.7
W	2.7	16.0	7.3									26.0	5.4
WNW	1.3	1.3	1.3									4.0	5.7
NW													
NNW	1.3											1.3	2.0
VARBL													
CALM												10.7	
	20.0	44.7	22.0	2.7								100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) POINT MUGU, CALIFORNIA (STATION NAME) 73-77 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 13 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE					.7							.7	19.0
ENE													
E													
ESE													
SE													
SSE			1.3	1.3								2.7	9.8
S		2.0	4.0	1.3								7.3	8.5
SSW	2.0	4.0	7.3									13.3	6.6
SW	2.0	5.3	4.7									12.0	5.8
WSW	.7	10.0	3.3									14.0	5.9
W	2.0	16.7	26.0	.7								45.3	6.9
WNW			1.3	1.3								2.7	9.5
NW													
NNW													
VARBL													
CALM												2.0	
	6.7	38.0	48.0	4.7	.7							100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | SEP (MONTH)

ALL WEATHER (CLASS) | 16 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE				.7								.7	12.0
E													
ESE													
SE			.7									.7	8.0
SSE													
S		.7	3.3	.7								4.7	8.0
SSW		1.3	.7									2.0	5.7
SW	2.7	2.0	1.3									6.0	4.9
WSW	.7	6.0	5.3									12.0	6.3
W	3.3	30.7	23.3	2.0								59.3	6.4
WNW		4.0	6.0	3.3								13.3	8.6
NW		.7										.7	4.0
NNW													
VARBL													
CALM												.7	
	6.7	45.3	40.7	6.7								100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | SEP (MONTH)

ALL WEATHER (CLASS) | 19 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3											1.3	2.5
NNE	1.3											1.3	1.5
NE													
ENE													
E													
ESE													
SE	.7	.7	1.3									2.7	5.8
SSE		.7	1.3									2.0	7.0
S	1.3	.7	.7									2.7	4.3
SSW	2.7											2.7	2.3
SW	.7											.7	2.0
WSW	4.0	.7		.7								5.3	3.5
W	2.0	7.3	1.3									10.7	4.4
WNW	14.0	12.7	4.0	.7								31.3	4.3
NW	12.7	5.3	.7									18.7	3.1
NNW	1.3	3.3	.7									5.3	4.6
VARBL													
CALM												15.3	
	42.0	31.3	10.0	1.3								100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) POINT MUGU, CALIFORNIA (STATION NAME) 73-77 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS)

22 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	2.0										3.3	3.2
NNE	1.3	.7										2.0	3.3
NE	.7	.7										1.3	3.0
ENE	.7	.7										1.3	4.0
E			.7									.7	10.0
ESE													
SE		4.0										4.0	5.2
SSE	1.3	.7										2.0	3.7
S	.7	2.7										3.3	4.0
SSW	1.3											1.3	1.5
SW													
WSW	.7											.7	2.0
W	3.3	1.3										4.7	3.0
WNW	5.3	4.7	.7									10.7	3.9
NW	6.7	2.7										9.3	2.6
NNW	5.3	2.7										8.0	2.5
VARBL													
CALM												47.3	
	28.7	22.7	1.3									100.0	1.8

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) | POINT MUGU, CALIFURNIA (STATION NAME) | 73-77 (YEARS) | SEP (MONTH)

ALL WEATHER (CLASS) | ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.7	.7										3.4	2.5
NNE	2.8	.8	.2									3.8	2.9
NE	1.8	1.2	.2	.2	.1							3.5	4.0
ENE	.6	.7	.1	.2								1.6	4.9
E	.6	.2	.1									.9	3.5
ESE	.1	.7	.2									.9	5.5
SE	.7	1.2	.4	.1								2.3	5.1
SSE	1.0	.7	1.2	.3								3.2	5.9
S	1.5	1.8	1.6	.2								5.2	5.6
SSW	1.2	1.4	1.3									4.0	5.2
SW	1.3	1.0	.9									3.2	4.7
WSW	1.0	3.7	1.2	.1								5.9	5.2
W	2.4	9.3	7.2	.3								19.3	6.0
WNW	3.3	3.1	1.7	.7								8.8	5.2
NW	3.2	1.2	.2									4.6	2.9
NNW	1.9	.9	.1									2.9	3.0
VARBL													
CALM												26.2	
	26.2	28.7	16.6	2.1	.1							100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 1200

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | OCT (MONTH)

ALL WEATHER (CLASS) | 01 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.9	2.6										6.5	3.6
NNE	3.2	2.6	.6									6.5	3.2
NE	4.5	1.9		.6								7.1	3.8
ENE	2.6											2.6	2.8
E	1.9											1.9	2.7
ESE	.6	1.3										1.9	4.0
SE	.6	1.9	1.9									4.5	6.0
SSE	.6	1.3										1.9	3.3
S	.6		.6									1.3	5.0
SSW		.6										.6	6.0
SW													
WSW		1.3										1.3	5.0
W	1.9	1.9	.6									4.5	4.1
WNW	.6											.6	1.0
NW	4.5											4.5	1.9
NNW	5.2	.6										5.8	1.8
VARBL													
CALM												48.4	
	31.0	16.1	3.9	.6								100.0	1.8

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | OCT (MONTH)

ALL WEATHER (CLASS) | 04 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	7.7	3.2	1.3									12.3	3.5
NNE	10.3	3.2	1.3									14.8	3.3
NE	7.1	2.6	.6									10.3	3.3
ENE	3.2	.6	.6									4.5	3.4
E	.6											.6	3.0
ESE	.6											.6	2.0
SE		.6										.6	6.0
SSE	1.3	.6										1.9	3.0
S	1.3											1.3	2.5
SSW													
SW	1.9											1.9	2.0
WSW													
W		1.3										1.3	5.5
WNW	1.3											1.3	2.0
NW	1.3											1.3	2.5
NNW	.6	1.3										1.9	4.0
VARBL													
CALM												45.2	
	37.4	13.5	3.9									100.0	1.8

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 STATION | POINT MUGU, CALIFORNIA STATION NAME | 73-77 YEARS | OCT MONTH

ALL WEATHER CLASS | 07 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	11.0	3.9	.6									15.5	2.8
NNE	12.9	1.9	.6									15.5	2.5
NE	4.5	3.9	.6	.6								9.7	4.3
ENE	2.6	1.3	1.3	.6								5.8	4.9
E													
ESE													
SE	.6	.0										1.3	4.0
SSE	1.3											1.3	2.0
S	.6	.0										1.3	3.0
SSW	.6											.6	2.0
SW													
WSW													
W	1.9	1.9										3.9	4.0
WNW	.6		.6									1.3	5.5
NW	1.9											1.9	2.3
NNW	1.3	.6										1.9	3.0
VARBL													
CALM												40.0	
	40.0	14.8	3.9	1.3								100.0	2.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | OCT (MONTH)

ALL WEATHER (CLASS) | 10 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE				.6								.6	15.0
NE	.6		1.3	.6	.6							3.2	10.8
ENE				1.3								1.3	14.5
E													
ESE	.6	1.3										1.9	4.0
SE	1.3	3.9	1.9	.6								7.8	5.7
SSE	.6	5.8	2.6		.6							9.7	6.7
S	3.9	6.5	.6									11.0	4.1
SSW	.6	1.9										2.6	4.8
SW	3.9	1.3										5.2	2.9
WSW	1.9	1.9										3.9	3.8
W	8.4	13.0	7.1	.6								29.2	5.0
WNW	1.9	.6										2.6	2.8
NW	.6		.6									1.3	5.0
NNW	.6	.6										1.3	3.5
VARBL													
CALM												18.2	
	25.3	37.0	14.3	3.9	1.3							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 154

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | OCT (MONTH)

ALL WEATHER (CLASS) | 13 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N				.6								.6	13.0
NNE													
NE			.6	.6								1.3	12.0
ENE													
E													
ESE													
SE			.6									.6	7.0
SSE	.6											.6	3.0
S	3.2	3.2	4.5	.6								11.6	6.3
SSW		7.1	3.2	.6								11.0	6.4
SW	1.3	5.2	.6									7.1	5.0
WSW	1.3	7.1	3.9									12.3	5.8
W	.6	21.3	23.9	3.2	.6							49.7	7.3
WNW		.6	2.6									3.2	7.8
NW	.6		.6									1.3	6.0
NNW													
VARBL													
CALM												.6	
	7.7	44.5	40.6	5.8	.6							100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | OCT (MONTH)

ALL WEATHER (CLASS) | 16 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE	.6											.6	3.0
NE				.0								.6	14.0
ENE													
E													
ESE													
SE													
SSE		.0	.0									1.3	7.0
S	1.3	1.9	.6									3.9	4.7
SSW	1.3	1.9	1.3									4.5	4.9
SW	1.3	5.8	.6									7.8	4.6
WSW	2.6	4.5	.6									7.8	4.2
W	8.4	24.0	19.5	2.6	.0							55.2	6.4
WNW	2.6	3.9	7.1	.6								14.3	6.5
NW		1.3										1.3	4.5
NNW		1.3										1.3	5.0
VARBL													
CALM												1.3	
	18.2	45.5	30.5	3.9	.6							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 154

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | OCT (MONTH)

ALL WEATHER (CLASS) | 19 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	7.7	1.3	.6									9.7	2.9
NNE	.6											.6	3.0
NE	1.3	1.3										2.6	3.3
ENE													
E													
ESE													
SE		.6										.6	4.0
SSE	1.3											1.3	2.0
S	1.3	1.3										2.6	4.0
SSW	.6											.6	1.0
SW	1.3	.6										1.9	3.3
WSW	.6	.6	.6									1.9	4.7
W	2.6	4.5	1.9	.6	.6							10.3	6.3
WNW	7.7	3.2	1.3									12.3	3.7
NW	5.8	3.9	.6									10.3	3.4
NNW	5.2	.6	.6									6.5	2.9
VARBL													
CALM												38.7	
	36.1	18.1	5.8	.6	.6							100.0	2.3

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | OCT (MONTH)

ALL WEATHER (CLASS) | 22 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	7.7	3.2										11.0	2.9
NNE	4.5	.6										5.2	2.5
NE	1.9	.6		.6								3.2	4.8
ENE	.6											.6	3.0
E	1.3											1.3	2.0
ESE	.6	.6										1.3	4.5
SE	.6											.6	3.0
SSE		1.9	.6									2.6	5.5
S		1.3	.6									1.9	5.7
SSW		.6										.6	6.0
SW	.6	.6										1.3	4.5
WSW	1.9											1.9	2.0
W	.6	1.3	.6	1.3								3.9	8.0
WNW	1.3	2.6										3.9	3.8
NW	1.9	2.6										4.5	3.4
NNW	9.0	5.2										14.2	3.0
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	41.9	
	32.9	21.3	1.9	1.9								100.0	2.2

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | OCT (MONTH)

ALL WEATHER (CLASS) | ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.8	1.8	.3	.1								6.9	3.2
NNE	4.0	1.1	.3	.1								5.5	3.1
NE	2.5	1.3	.4	.5	.1							4.8	4.9
ENE	1.1	.2	.2	.2								1.9	4.8
E	.5											.5	2.5
ESE	.3	.4										.7	3.9
SE	.4	1.0	.6	.1								2.0	5.5
SSE	.7	1.3	.5		.1							2.6	5.2
S	1.5	1.9	.9	.1								4.4	4.9
SSW	.4	1.5	.6	.1								2.6	5.5
SW	1.3	1.7	.2									3.2	4.1
WSW	1.1	1.9	.6									3.6	4.7
W	3.1	8.6	6.7	1.1	.2							19.7	6.3
WNW	2.0	1.4	1.5	.1								4.9	5.0
NW	2.1	1.0	.2									3.3	3.3
NNW	2.7	1.3	.1									4.1	2.9
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	29.3	
	28.6	26.3	13.1	2.3	.4							100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 1238

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | NOV (MONTH)

ALL WEATHER (CLASS) | 01 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	9.3	5.3	.7									15.3	3.3
NNE	9.3	4.0	2.0									15.3	3.7
NE	8.0	2.7	5.3	.7	.7							17.3	5.8
ENE	4.0	.7	.7	2.0								7.3	6.2
E		1.3		1.3								2.7	8.0
ESE	.7											.7	2.0
SE	.7		.7									1.3	4.5
SSE		.7										.7	5.0
S													
SSW	.7											.7	3.0
SW													
WSW	.7											.7	2.0
W		.7		.7								1.3	9.0
WNW	.7			2.0								2.7	9.0
NW	1.3											1.3	2.5
NNW	4.0	1.3										5.3	2.6
VARBL													
CALM												27.3	
	39.3	16.7	9.3	6.7	.7							100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | NOV (MONTH)

ALL WEATHER (CLASS) | 04 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	13.3	4.0	1.3									18.7	3.4
NNE	8.7	3.3	2.0									14.0	3.6
NE	14.0	4.7	3.3	1.3								23.3	4.3
ENE	1.3	2.0	4.0	.7		.7						8.7	7.9
E	1.3		.7	1.3								3.3	8.4
ESE		.7										.7	4.0
SE													
SSE													
S													
SSW													
SW	.7											.7	3.0
WSW		.7										.7	4.0
W	1.3	.7	.7									2.7	5.0
WNW	2.0		.7	1.3								4.0	6.8
NW	1.3	.7										2.0	2.3
NNW	.7	2.7										3.3	3.8
VARBL													
CALM												18.0	
	44.7	19.3	12.7	4.7		.7						100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | NOV (MONTH)

ALL WEATHER (CLASS) | 07 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	18.7	7.3										26.0	3.1
NNE	10.0	4.7	.7									15.3	3.2
NE	3.3	.7	1.3	1.3	1.3							8.0	8.3
ENE	2.0		2.7	3.3								8.0	8.8
E		1.3		.7								2.0	8.0
ESE	.7											.7	3.0
SE													
SSE		.7										.7	6.0
S													
SSW													
SW													
WSW													
W	.7	.7	.7									2.0	5.3
WNW	.7	.7										1.3	3.0
NW	.7	.7										1.3	3.5
NNW	5.3	2.0										7.3	2.9
VARBL													
CALM												27.3	
	42.0	18.7	5.3	5.3	1.3							100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | NOV (MONTH)

ALL WEATHER (CLASS) | 10 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.7	3.3		.7								6.7	4.5
NNE	1.3	2.7	.7									4.7	4.4
NE	1.3	.7	2.0	5.3	1.3	.7						11.3	12.2
ENE	2.0	1.3	2.7	2.7								8.7	8.3
E	.7			.7								1.3	7.0
ESE	.7	.7	.7									2.0	4.7
SE	.7	1.3	.7									2.7	4.8
SSE		3.3	2.0									5.3	5.9
S	2.0	3.3	.7									6.0	4.1
SSW	2.0	2.0										4.0	3.2
SW	1.3	.7	.7									2.7	4.0
WSW	2.0	.7										2.7	3.0
W	6.0	2.0	2.0	.7								10.7	4.6
WNW	2.7	1.3	.7									4.7	3.7
NW	3.3	.7										4.0	2.7
NNW	6.0	.7										6.7	2.5
VARBL													
CALM												16.0	
	34.7	24.7	12.7	10.0	1.3	.7						100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | NOV (MONTH)

ALL WEATHER (CLASS) | 13 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE				.7								.7	15.0
NE		.7		2.7	1.3		.7					5.3	15.1
ENE			.7	.7		.7						2.0	14.0
E													
ESE			.7									.7	10.0
SE			.7	1.3								2.0	10.7
SSE			4.0									4.0	8.2
S	2.0	3.3	6.7									12.0	6.5
SSW	.7	4.0	.7									5.3	4.5
SW	3.3	3.3	1.3									8.0	4.3
WSW		8.0	2.0									10.0	5.9
W	4.7	22.0	12.7	2.7		.7						42.7	6.4
WNW	.7	.7	4.0	.7								6.0	7.6
NW			.7									.7	8.0
NNW													
VARBL													
CALM												.7	
	11.3	42.0	34.0	8.7	1.3	1.3	.7					100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | NOV (MONTH)

ALL WEATHER (CLASS)

16 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7											.7	2.0
NNE				.7								.7	12.0
NE			.7	.7								1.3	11.0
ENE				.7	1.3							2.0	18.3
E													
ESE													
SE		1.3	1.3									2.7	6.5
SSE	.7		1.3									2.0	6.0
S	.7	4.0	.7									5.3	5.3
SSW	2.0	1.3										3.3	3.4
SW	2.0	2.0										4.0	3.2
WSW	3.3	2.7	1.3	.7								8.0	5.0
W	12.7	13.3	8.7	3.3	2.0							40.0	6.2
WNW	3.3	14.7	2.7									20.7	4.8
NW	.7	1.3	2.0									4.0	6.5
NNW	.7	1.3										2.0	4.0
VARBL													
CALM												3.3	
	26.7	42.0	18.7	6.0	3.3							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 STATION | POINT MUGU, CALIFORNIA STATION NAME | 73-77 YEARS | NOV MONTH

ALL WEATHER CLASS | 19 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	10.7	3.3										14.0	2.6
NNE	5.3	.7	2.0	1.3								9.3	5.4
NE	4.0	.7	.7	.7								6.0	4.1
ENE	1.3	.7	.7	1.3	.7							4.7	9.1
E													
ESE	2.0	.7										2.7	2.8
SE	.7	1.3										2.0	4.3
SSE	.7											.7	2.0
S			.7									.7	9.0
SSW	.7											.7	2.0
SW	1.3	.7										2.0	3.3
WSW	.7											.7	3.0
W	2.0	.7	1.3	1.3								5.3	6.9
WNW	2.7	2.7		2.0								7.3	6.2
NW	2.7	.7										3.3	2.8
NNW	8.7	4.7										13.3	2.8
VARBL													
CALM												27.3	
	43.3	16.7	5.3	6.7	.7							100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | NOV (MONTH)

ALL WEATHER (CLASS) | 22 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	6.7	8.7	1.3									16.7	3.9
NNE	6.7	4.0	1.3	.7								12.7	3.9
NE	3.3	2.7	1.3	1.3	.7							9.3	6.2
ENE	2.0	.7	3.3	2.7								8.7	8.5
E	1.3											1.3	2.0
ESE	1.3	.7	.7									2.7	3.8
SE		.7	.7									1.3	5.5
SSE	.7											.7	2.0
S				.7								.7	16.0
SSW													
SW													
WSW	.7											.7	2.0
W		.7	.7	1.3								2.7	10.3
WNW	1.3	1.3	2.0	.7								5.3	6.8
NW	1.3	.7										2.0	2.7
NNW	8.7	8.0										16.7	3.4
VARBL													
CALM												18.7	
	34.0	28.0	11.3	7.3	.7							100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | NOV (MONTH)

ALL WEATHER (CLASS) | ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	7.7	4.0	.4	.1								12.2	3.3
NNE	5.2	2.4	1.1	.4								9.1	4.1
NE	4.2	1.6	1.8	1.7	.7	.1	.1					10.2	7.1
ENE	1.6	.7	1.8	1.7	.2	.2						6.2	8.7
E	.4	.3	.1	.5								1.3	7.3
ESE	.7	.3	.2									1.2	3.9
SE	.2	.6	.5	.2								1.5	6.1
SSE	.2	.6	.9									1.7	6.1
S	.6	1.3	1.1	.1								3.1	6.0
SSW	.7	.9	.1									1.7	3.7
SW	1.1	.8	.2									2.2	3.8
WSW	.9	1.5	.4	.1								2.9	4.9
W	3.4	5.1	3.3	1.2	.2	.1						13.4	6.2
WNW	1.7	2.7	1.2	.8								6.5	5.8
NW	1.4	.6	.3									2.3	3.7
NNW	4.2	2.6										6.8	3.0
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	17.3	
	34.5	26.0	13.7	6.9	1.2	.3	.1					100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 1200

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | DEC (MONTH)

ALL WEATHER (CLASS) | 01 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	12.3	5.2	.6	.6								18.7	3.4
NNE	7.1	3.9	1.3	.6	.6							13.5	4.5
NE	8.4	3.9	5.8	1.9								20.0	5.6
ENE	3.2	.6	1.9	2.6	.6							9.0	8.3
E		.6										.6	4.0
ESE			1.3									1.3	8.0
SE	.6			.6								1.3	8.5
SSE	.6	.6										1.3	3.0
S		.6	.6									1.3	6.5
SSW													
SW													
WSW	.6											.6	3.0
W		1.3										1.3	4.5
WNW	.6											.6	3.0
NW	.6	.6										1.3	3.5
NNW	2.6	.6										3.2	2.8
VARBL													
CALM												25.8	
	36.8	18.1	11.6	6.5	1.3							100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | DEC (MONTH)

ALL WEATHER (CLASS) | 04 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	12.3	6.5	.6									19.4	3.2
NNE	5.8	5.2	1.3	.6								12.9	4.4
NE	7.1	1.9	3.9	3.2	.6							16.8	7.0
ENE	3.2	3.9	1.3	3.2								11.6	6.6
E	.6											.6	1.0
ESE		.6		.6								1.3	8.5
SE													
SSE				.6								.6	12.0
S			.6									.6	9.0
SSW													
SW													
WSW	.6											.6	3.0
W		2.6										2.6	5.3
WNW													
NW	.6	.6										1.3	3.5
NNW	2.6	2.6										5.2	3.4
VARBL													
CALM												26.5	
	32.9	23.9	7.7	8.4	.6							100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | DEC (MONTH)

ALL WEATHER (CLASS) | 07 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	13.5	7.7	1.3									22.6	3.4
NNE	6.5	3.9	2.6		.6							13.5	4.9
NE	4.5	1.3	3.9	1.9								11.6	6.8
ENE	1.9	2.6	1.9	4.5	.6	.6						12.3	9.9
E			1.3									1.3	8.0
ESE													
SE		1.3		.6								1.9	8.7
SSE			.6									.6	8.0
S	.6		.6									1.3	5.5
SSW	.6		.6									1.3	5.0
SW													
WSW													
W	.6	2.6										3.2	4.0
WNW	.6	1.9										2.6	4.5
NW		.6										.6	4.0
NNW	1.9	1.9										3.9	3.2
VARBL													
CALM												23.2	
	31.0	23.9	12.9	7.1	1.3	.6						100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | DEC (MONTH)

ALL WEATHER (CLASS) | 10 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	7.7	3.9	.6									12.3	3.2
NNE	3.9	2.6		.6								7.1	4.2
NE	4.5	1.9	5.8	4.5	3.2							20.0	9.5
ENE	1.3	1.3	2.6	3.2	.6	.6						9.7	10.7
E	1.9	.6		.6	.6							3.9	6.8
ESE		1.9	1.3									3.2	6.0
SE		1.9	1.9									3.9	6.7
SSE		1.3										1.3	5.0
S	.6	1.3										1.9	4.0
SSW	.6	1.3										1.9	4.0
SW													
WSW	.6											.6	2.0
W	1.3	1.9	1.9									5.2	5.5
WNW	.6											.6	2.0
NW	2.6	1.3										3.9	2.8
NNW	1.9	2.6										4.5	3.6
VARBL													
CALM												20.0	
	27.7	23.9	14.2	9.0	4.5	.6						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | DEC (MONTH)

ALL WEATHER (CLASS) | 13 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE				2.6	.6							3.2	14.8
NE			2.6	5.2								7.7	11.9
ENE				1.3	1.9	.6						3.9	16.8
E				.6								.6	11.0
ESE		1.3	1.9									3.2	6.8
SE		2.6	.6									3.2	6.6
SSE	.6	4.5	3.2	1.3								9.7	7.2
S	1.3	9.7	2.6									13.5	5.6
SSW	1.3	4.5	.6									6.5	4.9
SW		1.3										1.3	4.5
WSW	1.3	10.3										11.6	4.2
W	5.8	13.5	7.7	.6								27.7	5.7
WNW		.6	.6	1.9								3.2	9.2
NW		.6										.6	5.0
NNW													
VARBL													
CALM												3.9	
	10.3	49.0	20.0	13.5	2.6	.6						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | DEC (MONTH)

ALL WEATHER (CLASS) | 16 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6			.6								1.3	6.0
NNE			1.3	1.3								2.6	9.8
NE				3.2	.6							3.9	15.2
ENE				.6	.6	.6						1.9	18.0
E			.6									.6	8.0
ESE			1.3	.6								1.9	10.3
SE		1.3	.6	.6								2.6	8.5
SSE		.6										.6	5.0
S	1.3	4.5	2.6	.6								9.0	6.2
SSW	5.8	1.3	.6									7.7	3.1
SW	3.2	2.6										5.8	3.2
WSW	1.3	2.6		.6								4.5	4.7
W	7.7	14.2	3.2	1.3	.6							27.1	5.3
WNW	7.1	5.2	2.6									14.8	4.2
NW	2.6	2.6										5.2	3.1
NNW	1.3	.6										1.9	3.3
VARBL													
CALM												8.4	
	31.0	35.5	12.9	9.7	1.9	.6						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | DEC (MONTH)

ALL WEATHER (CLASS) | 19 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	5.8	1.3	1.3									8.4	3.5
NNE	5.8	2.6	1.9	1.9								12.3	5.3
NE	5.2	1.9	1.3	.6	.6							9.7	5.3
ENE	3.2	3.9	.6	1.9		.6						10.3	6.6
E		1.3	.6									1.9	5.7
ESE	.6	1.3		.6								2.6	6.5
SE		.6	.6									1.3	6.0
SSE	.6	1.3										1.9	3.7
S		1.3										1.3	5.0
SSW		.6										.6	4.0
SW													
WSW	.6											.6	2.0
W	.6	3.2	.6	.6								5.2	6.3
WNW	2.6		1.3									3.9	4.0
NW	3.2	1.3										4.5	2.6
NNW	3.9	2.6										6.5	2.9
VARBL													
CALM												29.0	
	32.3	23.2	8.4	5.8	.6	.6						100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | DEC (MONTH)

ALL WEATHER (CLASS) | 22 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	9.7	4.5	1.9									16.1	3.5
NNE	6.5	5.8	3.2									15.5	4.3
NE	1.9		3.9	3.2								9.0	8.9
ENE	1.9	1.9	1.3	2.6								7.7	8.3
E		1.9										1.9	5.0
ESE	.6			.6								1.3	6.0
SE		.6	.6		.6							1.9	12.0
SSE	1.9	.6										2.6	3.3
S		.6										.6	6.0
SSW													
SW													
WSW	1.3											1.3	1.5
W				1.3								1.3	12.0
WNW	.6	.6										1.3	3.0
NW	2.6	.6										3.2	2.4
NNW	3.9	6.5										10.3	3.9
VARBL													
CALM												25.8	
	31.0	23.9	11.0	7.7	.6							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | DEC (MONTH)

ALL WEATHER (CLASS) | ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	7.7	3.9	.8	.2								12.3	3.4
NNE	4.4	3.0	1.5	1.0	.2							10.1	5.2
NE	4.0	1.4	3.4	3.0	.6							12.3	7.9
ENE	1.9	1.8	1.2	2.5	.6	.4						8.3	9.2
E	.3	.6	.3	.2	.1							1.5	6.3
ESE	.2	.6	.7	.3								1.9	7.2
SE	.1	1.0	.6	.2	.1							2.0	7.9
SSE	.5	1.1	.5	.2								2.3	6.0
S	.5	2.3	.9	.1								3.7	5.8
SSW	1.0	1.0	.2									2.3	4.0
SW	.4	.5										.9	3.5
WSW	.8	1.6		.1								2.5	3.9
W	2.0	4.9	1.7	.5	.1							9.2	5.6
WNW	1.5	1.0	.6	.2								3.4	4.7
NW	1.5	1.0										2.6	3.0
NNW	2.3	2.2										4.4	3.4
VARBL													
CALM												20.3	
	29.1	27.7	12.3	8.5	1.7	.4						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 1240

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | ALL (MONTH)

ALL WEATHER (CLASS) | ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.6	2.0	.2	.0								6.9	3.2
NNE	3.5	1.7	.6	.2	.0							6.0	3.9
NE	2.5	1.2	1.0	1.0	.3	.0	.0					6.0	6.5
ENE	1.1	.6	.8	.8	.1	.1						3.4	7.8
E	.5	.3	.2	.1	.0	.0						1.1	5.5
ESE	.3	.3	.3	.1	.0	.0						1.1	6.4
SE	.3	.8	.6	.2	.0	.0						1.9	6.9
SSE	.6	1.2	.9	.2	.0							2.9	6.2
S	1.0	1.8	1.2	.2	.0	.0						4.3	5.8
SSW	.8	1.7	.8	.0								3.3	5.2
SW	.8	1.4	.6	.0	.0							2.9	5.0
WSW	1.1	2.8	1.0	.1	.0							5.0	5.2
W	2.7	7.2	7.5	1.8	.3	.0						19.6	6.9
WNW	2.7	2.5	1.5	.6	.0	.0						7.4	5.5
NW	2.1	.9	.2	.1								3.2	3.3
NNW	2.1	1.2	.1	.0								3.4	3.1
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	21.6	
	26.6	27.6	17.4	5.6	.9	.2	.0					100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 14603

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | ALL (MONTH)

INSTRUMENT (CLASS) | ALL (HOURS (L.S.T.))

CIG 200 TO 1400 FT W/VSBY 1/2 MI OR MORE, AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE (CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.2	.7	.1									3.9	2.6
NNE	3.0	1.3	.1									4.4	3.0
NE	2.5	1.2	.1									3.8	3.0
ENE	1.2	.5	.1	.0								1.9	3.4
E	1.0	.4	.1		.0	.1						1.6	4.3
ESE	.5	.6	.4	.1	.0							1.7	5.3
SE	.6	1.6	.8	.3	.1	.0						3.4	6.6
SSE	1.0	1.8	1.3	.3	.1							4.4	6.0
S	2.1	2.7	1.7	.3	.0	.0						6.9	5.6
SSW	1.4	2.2	1.0	.1								4.7	4.9
SW	1.5	2.0	.5	.1	.0							4.1	4.6
WSW	1.8	3.1	.8	.0								5.7	4.6
W	3.7	7.6	3.8	.3	.0							15.3	5.3
WNW	3.6	3.0	.9	.1		.0						7.6	4.1
NW	2.3	1.1	.1									3.5	2.9
NNW	2.0	.8	.0									2.8	2.9
VARBL													
CALM												24.4	
	31.1	30.7	11.7	1.6	.3	.1						100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 3362

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NWSD, Federal Building

Asheville, N. C.

PART D CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from 3-hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 1800 ≥ 1500					91.0											92.6
≥ 1200 ≥ 1000																
≥ 900 ≥ 800																
≥ 700 ≥ 600																
≥ 500 ≥ 400										97.4						98.1
≥ 300 ≥ 200																
≥ 100 ≥ 0					95.4		96.9			98.3						100.0

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0. For instance, from the table: Ceiling ≥ 1500 feet = 92.6%. Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0. From the table:
Visibility ≥ 3 miles = 95.4%.
Visibility ≥ 2 miles = 96.9%.
Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

PART D

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.
Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of $\geq$ 1500 feet with $\geq$ 3 miles, subtracted from 97.4 read from the table at the intersection of $\geq$ 500 feet with $\geq$ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling $\geq$ 500 feet with visibility $\geq$ 1 mile, but < 3 miles; or ceiling $\geq$ 500 feet, but < 1500 feet with visibility $\geq$ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

PART D SKY COVER

This summary is prepared from 3-hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover, and total number of observations. It is presented in two tables as follows:

1. By month and annual - all hours and all years combined.

2. By month - by standard 3-hour groups.

NOTE: # 1: Sky cover (total cloud amount) was not reported by U. S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.

NOTE: # 2: Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

OKTAS	TENTHS
0	0
1	1
2	3
3	4
4	5
5	6
6	8
7	9
8 (or obscured)	10

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | JAN (MONTH) | 01 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	59.4	67.1	69.0	71.6	73.6	73.6	74.2	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 20000	60.0	67.7	69.7	72.3	74.2	74.2	74.8	75.5	75.5	75.5	75.5	75.5	75.3	75.5	75.5	75.5
≥ 18000	60.0	67.7	69.7	72.3	74.2	74.2	74.8	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 16000	60.0	67.7	69.7	72.3	74.2	74.2	74.8	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 14000	60.7	68.4	70.3	72.9	74.8	74.8	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 12000	61.3	69.0	71.0	73.6	75.5	75.5	76.1	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 10000	62.6	71.0	72.9	75.5	77.4	77.4	78.1	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 9000	62.6	71.0	72.9	75.5	77.4	77.4	78.1	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 8000	62.6	71.0	72.9	75.5	77.4	77.4	78.1	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 7000	63.2	71.6	74.2	76.8	78.7	78.7	79.4	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 6000	63.2	71.6	74.2	76.8	78.7	78.7	79.4	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 5000	64.5	72.9	75.5	78.1	80.0	80.0	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 4500	65.2	74.2	76.8	79.4	81.3	81.3	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 4000	65.2	74.2	76.8	79.4	81.3	81.3	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 3500	65.2	74.2	76.8	79.4	81.3	81.3	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 3000	65.2	74.2	76.8	79.4	81.3	81.3	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 2500	66.5	75.5	78.1	80.7	82.6	82.6	83.2	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 2000	66.5	77.4	80.0	83.9	85.8	85.8	86.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1800	66.5	78.1	80.7	84.5	86.5	86.5	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 1500	66.5	78.7	82.6	86.5	88.4	88.4	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1200	67.1	79.4	83.2	87.1	89.0	89.0	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1000	67.1	80.0	85.2	89.7	91.6	91.6	92.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 900	67.1	80.0	85.2	89.7	91.6	91.6	92.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 800	67.1	80.0	85.2	89.7	91.6	91.6	92.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 700	67.1	80.0	85.2	89.7	92.3	92.3	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 600	67.1	80.0	85.2	89.7	92.3	92.3	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 500	67.1	80.0	85.2	89.7	92.9	92.9	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	96.1	96.1
≥ 400	67.1	80.0	85.2	89.7	92.9	92.9	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	96.8	96.8
≥ 300	67.1	80.0	85.2	89.7	92.9	92.9	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	96.8	96.8
≥ 200	67.1	80.0	85.2	89.7	92.9	92.9	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	96.8	96.8
≥ 100	67.1	80.0	85.2	89.7	92.9	92.9	94.8	95.5	95.5	96.1	96.1	96.1	96.1	96.1	97.4	97.4
≥ 0	67.1	80.0	85.2	89.7	92.9	92.9	94.8	95.5	95.5	96.1	96.1	96.1	96.1	96.1	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | JAN (MONTH) | 04 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	60.0	70.3	73.6	74.2	76.8	76.8	76.8	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	78.1
≥ 20000	60.7	71.0	74.2	74.8	77.4	77.4	77.4	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.7
≥ 18000	60.7	71.0	74.2	74.8	77.4	77.4	77.4	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.7
≥ 16000	60.7	71.0	74.2	74.8	77.4	77.4	77.4	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.7
≥ 14000	61.3	72.3	75.5	76.1	78.7	78.7	78.7	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	80.0
≥ 12000	61.9	72.9	76.1	76.8	79.4	79.4	79.4	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.7
≥ 10000	61.9	73.6	76.8	77.4	80.0	80.0	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	81.3
≥ 9000	61.9	73.6	76.8	77.4	80.0	80.0	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	81.3
≥ 8000	61.9	73.6	76.8	77.4	80.0	80.0	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	81.3
≥ 7000	61.9	73.6	77.4	78.1	80.7	80.7	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.9
≥ 6000	61.9	74.2	78.1	78.7	81.3	81.3	81.3	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	82.6
≥ 5000	61.9	74.2	78.1	78.7	81.3	81.3	81.3	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	82.6
≥ 4500	61.9	74.8	78.7	79.4	81.9	81.9	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	83.2
≥ 4000	61.9	74.8	78.7	79.4	81.9	81.9	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	83.2
≥ 3500	63.9	76.8	80.7	81.3	83.9	83.9	83.9	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	85.2
≥ 3000	63.9	77.4	81.3	81.9	84.5	84.5	84.5	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.8
≥ 2500	63.9	78.1	82.6	83.2	85.8	85.8	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	87.1
≥ 2000	65.2	80.0	84.5	85.2	87.7	87.7	87.7	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	89.0
≥ 1800	65.2	80.0	84.5	85.2	87.7	87.7	87.7	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	89.0
≥ 1500	65.8	80.7	85.2	85.8	90.3	90.3	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	92.3
≥ 1200	65.8	80.7	85.2	85.8	90.3	90.3	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	92.3
≥ 1000	66.5	81.9	86.5	87.1	92.3	92.3	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	94.2
≥ 900	66.5	81.9	86.5	87.1	92.3	92.3	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	94.2
≥ 800	66.5	81.9	86.5	87.1	92.3	92.3	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	94.2
≥ 700	66.5	81.9	86.5	87.1	92.3	92.3	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	94.2
≥ 600	66.5	81.9	86.5	87.1	92.3	92.3	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	94.2
≥ 500	66.5	81.9	86.5	87.1	92.3	92.3	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.8
≥ 400	66.5	81.9	86.5	87.1	92.9	92.9	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.8
≥ 300	66.5	81.9	86.5	87.1	92.9	92.9	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	98.1
≥ 200	66.5	81.9	86.5	87.1	92.9	92.9	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	98.1
≥ 100	66.5	81.9	86.5	87.1	92.9	92.9	96.8	97.4	97.4	97.4	98.1	98.1	98.1	98.1	98.7	99.4
0	66.5	81.9	86.5	87.1	92.9	92.9	96.8	97.4	97.4	97.4	98.1	98.1	98.1	98.1	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | JAN (MONTH) | 07 (HOURS (L S T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	59.4	65.8	66.5	67.7	69.0	69.7	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 20000	61.9	69.0	70.3	72.3	73.6	74.2	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 18000	61.9	69.0	70.3	72.3	73.6	74.2	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 16000	61.9	69.0	70.3	72.3	73.6	74.2	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 14000	63.2	71.0	72.3	74.2	75.5	76.1	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 12000	63.2	71.0	72.3	74.2	75.5	76.1	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 10000	64.5	72.9	74.2	76.8	78.1	78.7	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 9000	64.5	73.6	74.8	77.4	78.7	79.4	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 8000	64.5	73.6	74.8	78.1	79.4	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 7000	64.5	74.2	75.5	78.7	80.0	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 6000	64.5	74.2	75.5	78.7	80.0	80.7	81.3	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 5000	64.5	74.2	75.5	78.7	80.0	80.7	81.3	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 4500	65.2	74.8	76.1	79.4	80.7	81.3	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 4000	65.8	75.5	77.4	80.7	81.9	82.6	83.2	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 3500	65.8	76.1	78.1	81.3	82.6	83.2	83.9	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 3000	66.5	76.8	78.7	81.9	83.2	84.5	85.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 2500	66.5	77.4	79.4	82.6	83.9	85.2	86.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 2000	69.0	80.7	82.6	85.8	87.7	89.0	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1800	69.0	80.7	82.6	85.8	87.7	89.0	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1500	69.7	81.3	83.2	86.5	88.4	89.7	92.3	93.6	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1200	69.7	81.3	83.2	87.7	89.7	91.0	93.6	94.8	94.8	95.5	95.5	95.5	96.1	96.1	96.1	96.1
≥ 1000	69.7	81.3	83.2	87.7	89.7	91.0	93.6	94.8	94.8	95.5	95.5	95.5	96.1	96.1	96.1	96.1
≥ 900	69.7	81.3	83.2	87.7	89.7	91.0	93.6	94.8	94.8	95.5	95.5	95.5	96.1	96.1	96.1	96.1
≥ 800	69.7	81.3	83.2	87.7	89.7	91.0	93.6	94.8	94.8	95.5	95.5	95.5	96.1	96.1	96.1	96.1
≥ 700	69.7	81.3	83.2	87.7	89.7	91.0	93.6	94.8	94.8	95.5	95.5	95.5	96.1	96.1	96.1	96.1
≥ 600	69.7	81.3	83.2	87.7	89.7	91.0	93.6	94.8	94.8	95.5	95.5	95.5	96.1	96.1	96.1	96.1
≥ 500	69.7	81.3	83.2	87.7	89.7	91.6	94.2	95.5	95.5	96.1	96.1	96.1	96.8	96.8	96.8	96.8
≥ 400	69.7	81.3	83.2	87.7	90.3	92.3	94.8	96.1	96.1	96.8	96.8	96.8	97.4	97.4	97.4	97.4
≥ 300	69.7	81.3	83.2	87.7	90.3	92.3	94.8	96.1	96.1	96.8	96.8	96.8	97.4	97.4	97.4	97.4
≥ 200	69.7	81.3	83.2	87.7	90.3	92.3	94.8	96.1	96.1	96.8	97.4	97.4	98.1	98.1	98.1	98.1
≥ 100	69.7	81.3	83.2	87.7	90.3	92.3	94.8	96.1	96.1	96.8	97.4	98.1	99.4	99.4	99.4	99.4
0	69.7	81.3	83.2	87.7	90.3	92.3	94.8	96.1	96.1	96.8	97.4	98.1	99.4	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | JAN (MONTH)

10 (HOURS (L S T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	63.9	66.5	69.0	69.0	70.3	70.3	70.3	70.3	70.3	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 20000	68.4	72.3	74.8	74.8	76.8	76.8	76.8	76.8	76.8	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 18000	68.4	72.9	75.5	75.5	77.4	77.4	77.4	77.4	77.4	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 16000	69.0	73.6	76.1	76.1	78.1	78.1	78.1	78.1	78.1	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 14000	70.3	75.5	78.1	78.1	80.0	80.0	80.0	80.0	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 12000	70.3	75.5	78.1	78.1	80.0	80.0	80.0	80.0	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 10000	70.3	76.1	78.7	78.7	81.3	81.9	81.9	81.9	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 9000	70.3	76.8	79.4	79.4	81.9	82.6	82.6	82.6	82.6	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 8000	71.0	77.4	80.7	80.7	83.2	83.9	83.9	83.9	83.9	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 7000	71.0	77.4	80.7	80.7	83.2	83.9	83.9	83.9	83.9	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 6000	71.6	78.1	81.3	81.3	83.9	84.5	84.5	84.5	84.5	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 5000	71.6	78.1	81.3	81.3	83.9	84.5	84.5	84.5	84.5	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 4500	72.9	79.4	82.6	82.6	85.2	85.8	85.8	85.8	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 4000	72.9	79.4	82.6	82.6	85.2	85.8	85.8	85.8	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 3500	72.9	80.7	83.9	83.9	86.5	87.1	87.1	87.1	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 3000	72.9	80.7	83.9	83.9	86.5	87.1	87.1	87.1	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 2500	72.9	81.9	85.2	85.8	88.4	89.0	89.0	89.0	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 2000	73.6	83.2	86.5	87.1	89.7	90.3	91.0	91.0	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1800	73.6	83.2	86.5	87.1	89.7	90.3	91.0	91.0	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1500	74.2	83.9	87.1	87.7	90.3	91.6	92.3	92.3	92.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1200	74.2	83.9	87.1	87.7	90.3	91.6	92.3	92.3	92.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1000	74.2	83.9	87.1	87.7	90.3	91.6	92.9	92.9	92.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 900	74.2	83.9	87.1	87.7	90.3	91.6	92.9	92.9	92.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 800	74.2	83.9	87.1	87.7	90.3	91.6	92.9	92.9	92.9	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 700	74.2	83.9	87.1	87.7	90.3	91.6	92.9	92.9	92.9	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 600	74.2	83.9	87.1	87.7	90.3	91.6	92.9	92.9	92.9	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 500	74.2	83.9	87.7	88.4	91.0	92.3	93.6	93.6	93.6	95.5	96.1	96.1	96.1	96.1	96.1	96.1
≥ 400	74.2	83.9	87.7	89.0	91.6	93.6	94.8	94.8	94.8	97.4	98.1	98.1	98.1	98.1	98.1	98.1
≥ 300	74.2	83.9	87.7	89.0	92.3	94.2	95.5	95.5	95.5	98.7	99.4	99.4	100.0	100.0	100.0	100.0
≥ 200	74.2	83.9	87.7	89.0	92.3	94.2	95.5	95.5	95.5	98.7	99.4	99.4	100.0	100.0	100.0	100.0
≥ 100	74.2	83.9	87.7	89.0	92.3	94.2	95.5	95.5	95.5	98.7	99.4	99.4	100.0	100.0	100.0	100.0
0	74.2	83.9	87.7	89.0	92.3	94.2	95.5	95.5	95.5	98.7	99.4	99.4	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | JAN (MONTH)

13 (HOURS (L S T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	56.8	60.0	61.3	63.2	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 20000	64.5	68.4	71.0	72.9	76.1	76.1	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 18000	64.5	69.0	71.6	73.6	76.8	76.8	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 16000	64.5	69.0	71.6	73.6	76.8	76.8	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 14000	64.5	69.0	71.6	73.6	76.8	76.8	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 12000	65.2	70.3	72.9	74.8	78.1	78.1	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 10000	65.8	71.6	74.2	76.1	79.4	79.4	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 9000	65.8	71.6	74.2	76.1	79.4	79.4	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 8000	65.8	71.6	74.2	76.1	79.4	79.4	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 7000	65.8	71.6	74.2	76.1	79.4	79.4	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 6000	65.8	71.6	74.2	76.1	79.4	79.4	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 5000	67.1	72.9	75.5	77.4	80.7	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 4500	68.4	74.2	76.8	78.7	81.9	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 4000	68.4	74.2	76.8	78.7	81.9	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 3500	68.4	74.2	76.8	78.7	81.9	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 3000	69.7	75.5	78.1	80.0	83.2	83.2	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 2500	71.0	76.8	79.4	81.3	84.5	84.5	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 2000	72.3	79.4	81.9	83.9	88.4	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1800	72.3	79.4	81.9	83.9	88.4	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1500	72.9	80.7	83.2	85.2	89.7	89.7	91.6	91.6	91.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1200	72.9	80.7	83.9	85.8	90.3	90.3	92.3	92.3	92.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1000	72.9	81.3	84.5	87.1	92.3	92.3	94.2	94.2	94.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 900	72.9	81.3	84.5	87.1	92.3	92.3	94.2	94.2	94.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 800	72.9	81.3	84.5	87.7	92.9	92.9	94.8	94.8	94.8	96.1	96.1	96.1	96.1	96.8	96.8	96.8
≥ 700	72.9	81.3	84.5	87.7	92.9	92.9	94.8	94.8	94.8	96.1	96.1	96.1	96.1	96.8	96.8	96.8
≥ 600	72.9	81.3	84.5	87.7	92.9	92.9	94.8	94.8	94.8	96.1	96.1	96.1	96.1	96.8	96.8	96.8
≥ 500	72.9	81.3	84.5	87.7	92.9	92.9	94.8	96.1	96.1	97.4	97.4	97.4	97.4	98.1	98.1	98.1
≥ 400	72.9	81.3	85.2	88.4	94.2	94.2	96.1	97.4	97.4	98.7	98.7	98.7	98.7	99.4	99.4	99.4
≥ 300	72.9	81.3	85.2	88.4	94.2	94.2	96.1	97.4	97.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0
≥ 200	72.9	81.3	85.2	88.4	94.2	94.2	96.1	97.4	97.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0
≥ 100	72.9	81.3	85.2	88.4	94.2	94.2	96.1	97.4	97.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0
0	72.9	81.3	85.2	88.4	94.2	94.2	96.1	97.4	97.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | JAN (MONTH) | 16 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	56.8	62.6	64.5	66.5	68.4	69.0	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 20000	60.0	67.7	71.6	74.2	76.1	76.8	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 18000	60.7	68.4	72.3	74.8	76.8	77.4	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 16000	60.7	68.4	72.3	74.8	76.8	77.4	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 14000	61.9	69.7	73.6	76.1	78.1	78.7	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 12000	61.9	69.7	73.6	76.1	78.1	78.7	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 10000	61.9	69.7	73.6	76.1	78.7	79.4	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 9000	61.9	69.7	73.6	76.1	78.7	79.4	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 8000	61.9	69.7	73.6	76.8	79.4	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 7000	63.2	71.0	74.8	78.1	80.7	81.3	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 6000	63.2	71.6	75.5	78.7	81.3	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 5000	63.2	71.6	75.5	78.7	82.6	83.2	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 4500	63.2	71.6	75.5	78.7	82.6	83.2	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 4000	65.8	74.2	78.1	81.3	85.2	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 3500	65.8	74.2	78.1	81.3	85.2	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 3000	66.5	74.8	78.7	81.9	85.8	86.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 2500	67.1	75.5	80.0	83.2	87.1	87.7	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 2000	67.7	77.4	82.6	85.8	90.3	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1800	67.7	77.4	82.6	85.8	90.3	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1500	67.7	77.4	83.2	87.1	91.6	92.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1200	67.7	77.4	83.2	87.1	91.6	92.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1000	69.0	79.4	85.8	89.7	94.8	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 900	69.0	79.4	85.8	89.7	94.8	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 800	69.0	79.4	85.8	89.7	94.8	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 700	69.0	79.4	85.8	89.7	94.8	95.5	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 600	69.0	79.4	85.8	89.7	94.8	95.5	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 500	69.0	79.4	85.8	89.7	94.8	96.1	96.8	97.4	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 400	69.0	79.4	85.8	89.7	94.8	96.1	96.8	97.4	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 300	69.0	79.4	85.8	89.7	94.8	96.1	96.8	97.4	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 200	69.0	79.4	85.8	89.7	94.8	96.1	96.8	97.4	97.4	98.7	98.7	98.7	98.7	98.7	98.7	99.4
≥ 100	69.0	79.4	85.8	89.7	94.8	96.1	96.8	97.4	97.4	98.7	98.7	98.7	99.4	99.4	99.4	100.0
0	69.0	79.4	85.8	89.7	94.8	96.1	96.8	97.4	97.4	98.7	98.7	98.7	99.4	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | JAN (MONTH)

19 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	62.6	69.7	71.6	73.6	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 20000	64.5	72.3	74.2	76.1	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 18000	64.5	72.3	74.8	76.8	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 16000	64.5	72.3	74.8	76.8	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 14000	64.5	72.3	74.8	76.8	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 12000	64.5	72.3	74.8	76.8	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 10000	64.5	72.3	74.8	76.8	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 9000	64.5	72.9	75.5	77.4	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 8000	64.5	72.9	75.5	77.4	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 7000	65.8	74.2	76.8	78.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 6000	65.8	74.2	76.8	78.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 5000	66.5	75.5	78.7	80.7	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 4500	67.1	76.8	80.0	81.9	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 4000	67.1	76.8	80.0	81.9	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 3500	67.1	76.8	80.0	81.9	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 3000	67.1	76.8	80.0	81.9	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 2500	67.7	78.1	82.6	84.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 2000	69.7	80.0	85.2	87.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1800	70.3	80.7	85.8	87.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1500	70.3	80.7	85.8	87.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1200	71.0	81.3	86.5	88.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1000	71.6	81.9	87.1	89.0	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 900	71.6	81.9	87.1	89.0	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 800	71.6	81.9	87.1	89.0	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 700	71.6	81.9	87.1	89.7	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 600	71.6	81.9	87.1	89.7	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 500	71.6	81.9	87.1	89.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 400	71.6	81.9	87.1	89.7	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 300	71.6	81.9	87.1	89.7	94.8	96.1	96.1	96.1	96.1	96.1	96.1	96.8	96.8	96.8	96.8	96.8
≥ 200	71.6	81.9	87.1	89.7	94.8	96.1	96.8	96.8	96.8	97.4	97.4	97.4	98.1	98.1	98.1	98.1
≥ 100	71.6	81.9	87.1	89.7	94.8	96.1	96.8	96.8	96.8	97.4	97.4	97.4	98.1	98.1	98.1	98.1
≥ 0	71.6	81.9	87.1	89.7	94.8	96.1	96.8	96.8	96.8	97.4	97.4	97.4	98.1	98.1	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

22 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	61.9	69.7	70.3	73.6	74.2	74.2	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	76.1
≥ 20000	63.2	71.6	72.3	75.5	76.1	76.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	78.1
≥ 18000	63.2	71.6	72.9	76.1	76.8	76.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.7
≥ 16000	63.2	71.6	72.9	76.1	76.8	76.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.7
≥ 14000	63.2	71.6	72.9	76.1	76.8	76.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.7
≥ 12000	63.2	71.6	72.9	76.1	76.8	76.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.7
≥ 10000	64.5	72.9	74.2	77.4	78.1	78.1	79.4	79.4	79.4	80.0	80.0	80.0	80.0	80.0	80.0	80.7
≥ 9000	64.5	72.9	74.2	77.4	78.1	78.1	79.4	79.4	79.4	80.0	80.0	80.0	80.0	80.0	80.0	80.7
≥ 8000	65.2	73.6	74.8	78.1	78.7	78.7	80.0	80.0	80.0	80.7	80.7	80.7	80.7	80.7	80.7	81.3
≥ 7000	65.2	73.6	74.8	78.1	78.7	78.7	80.0	80.0	80.0	80.7	80.7	80.7	80.7	80.7	80.7	81.3
≥ 6000	65.2	73.6	74.8	78.1	78.7	78.7	80.0	80.0	80.0	80.7	80.7	80.7	80.7	80.7	80.7	81.3
≥ 5000	65.2	73.6	74.8	78.1	78.7	78.7	80.0	80.0	80.0	80.7	80.7	80.7	80.7	80.7	80.7	81.3
≥ 4500	66.5	74.8	76.1	79.4	80.0	80.0	81.3	81.3	81.3	81.9	81.9	81.9	81.9	81.9	81.9	82.6
≥ 4000	67.1	75.5	76.8	80.0	80.7	80.7	81.9	81.9	81.9	82.6	82.6	82.6	82.6	82.6	82.6	83.2
≥ 3500	67.1	75.5	76.8	80.0	80.7	80.7	81.9	81.9	81.9	82.6	82.6	82.6	82.6	82.6	82.6	83.2
≥ 3000	67.1	76.1	77.4	80.7	81.3	81.3	82.6	82.6	82.6	83.2	83.2	83.2	83.2	83.2	83.2	83.9
≥ 2500	67.1	76.8	78.1	81.3	81.9	81.9	83.2	83.2	83.2	83.9	83.9	83.9	83.9	83.9	83.9	84.5
≥ 2000	69.0	80.0	81.9	85.2	85.8	85.8	87.1	87.1	87.1	87.7	87.7	87.7	87.7	87.7	87.7	88.4
≥ 1800	69.0	80.0	81.9	85.2	85.8	85.8	87.1	87.1	87.1	87.7	87.7	87.7	87.7	87.7	87.7	88.4
≥ 1500	71.6	82.6	84.5	87.7	88.4	88.4	89.7	89.7	89.7	90.3	90.3	90.3	90.3	90.3	90.3	91.0
≥ 1200	71.6	82.6	84.5	88.4	89.0	89.0	90.3	90.3	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.6
≥ 1000	72.3	83.9	86.5	90.3	91.6	91.6	92.9	92.9	92.9	93.6	93.6	93.6	93.6	93.6	93.6	94.2
≥ 900	72.3	83.9	86.5	90.3	91.6	91.6	92.9	92.9	92.9	93.6	93.6	93.6	93.6	93.6	93.6	94.2
≥ 800	72.3	83.9	86.5	90.3	91.6	91.6	92.9	92.9	92.9	93.6	93.6	93.6	93.6	93.6	93.6	94.2
≥ 700	72.3	83.9	86.5	90.3	91.6	91.6	94.2	94.2	94.2	94.8	94.8	94.8	94.8	94.8	94.8	95.5
≥ 600	72.3	83.9	86.5	90.3	91.6	91.6	94.2	94.2	94.2	94.8	94.8	94.8	94.8	94.8	94.8	95.5
≥ 500	72.3	83.9	86.5	90.3	91.6	91.6	94.2	94.2	94.2	94.8	94.8	94.8	94.8	94.8	94.8	95.5
≥ 400	72.3	83.9	86.5	90.3	92.3	92.3	95.5	95.5	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.8
≥ 300	72.3	83.9	86.5	90.3	92.3	92.3	95.5	95.5	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.8
≥ 200	72.3	83.9	86.5	90.3	92.3	92.3	95.5	95.5	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.8
≥ 100	72.3	83.9	86.5	90.3	92.3	92.3	95.5	95.5	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.8
≥ 0	72.3	83.9	86.5	90.3	92.3	92.3	95.5	95.5	95.5	96.1	96.1	96.1	96.1	96.1	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | JAN (MONTH) | ALL (HOURS (L S T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	60.1	66.5	68.2	69.9	71.9	72.0	72.4	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.8
≥ 20000	62.9	70.0	72.3	74.1	76.1	76.3	76.8	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.2
≥ 18000	63.0	70.2	72.7	74.5	76.5	76.7	77.2	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.6
≥ 16000	63.1	70.3	72.7	74.6	76.6	76.8	77.3	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.7
≥ 14000	63.7	71.2	73.6	75.5	77.5	77.7	78.2	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.6
≥ 12000	64.0	71.5	74.0	75.8	77.8	78.0	78.5	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.9
≥ 10000	64.5	72.5	74.9	76.9	79.0	79.3	79.8	79.9	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.2
≥ 9000	64.5	72.7	75.2	77.1	79.3	79.5	80.0	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.5
≥ 8000	64.7	72.9	75.4	77.5	79.7	79.9	80.4	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.9
≥ 7000	65.1	73.4	76.1	78.2	80.3	80.6	81.1	81.2	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.5
≥ 6000	65.2	73.6	76.3	78.4	80.6	80.8	81.3	81.5	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.9
≥ 5000	65.6	74.1	76.9	79.0	81.3	81.5	82.0	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.6
≥ 4500	66.3	75.1	77.8	79.9	82.3	82.5	83.0	83.2	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.6
≥ 4000	66.8	75.6	78.4	80.5	82.8	83.1	83.6	83.8	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.1
≥ 3500	67.0	76.1	78.9	81.0	83.3	83.6	84.0	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.6
≥ 3000	67.3	76.5	79.4	81.5	83.8	84.1	84.6	84.8	84.8	85.0	85.0	85.0	85.0	85.0	85.0	85.2
≥ 2500	67.8	77.5	80.7	82.8	85.2	85.5	86.1	86.3	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.6
≥ 2000	69.1	79.8	83.2	85.5	88.2	88.6	89.2	89.4	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.8
≥ 1800	69.2	79.9	83.3	85.7	88.4	88.7	89.4	89.6	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.9
≥ 1500	69.8	80.7	84.4	86.8	89.8	90.2	91.2	91.5	91.5	92.0	92.0	92.0	92.0	92.0	92.0	92.2
≥ 1200	70.0	80.9	84.6	87.3	90.2	90.7	91.7	92.0	92.0	92.5	92.5	92.5	92.6	92.6	92.6	92.7
≥ 1000	70.4	81.7	85.7	88.6	92.0	92.4	93.6	93.9	93.9	94.4	94.4	94.4	94.4	94.4	94.4	94.6
≥ 900	70.4	81.7	85.7	88.6	92.0	92.4	93.6	93.9	93.9	94.4	94.4	94.4	94.4	94.4	94.4	94.6
≥ 800	70.4	81.7	85.7	88.6	92.1	92.5	93.6	94.0	94.0	94.5	94.5	94.5	94.6	94.7	94.7	94.8
≥ 700	70.4	81.7	85.7	88.7	92.3	92.7	94.0	94.4	94.4	94.9	94.9	94.9	95.0	95.1	95.1	95.2
≥ 600	70.4	81.7	85.7	88.7	92.3	92.7	94.0	94.4	94.4	95.0	95.0	95.0	95.1	95.2	95.2	95.3
≥ 500	70.4	81.7	85.8	88.8	92.5	93.1	94.6	95.2	95.2	95.8	95.9	95.9	96.0	96.1	96.1	96.3
≥ 400	70.4	81.7	85.9	89.0	93.0	93.7	95.5	96.1	96.1	96.8	96.9	96.9	96.9	97.0	97.2	97.3
≥ 300	70.4	81.7	85.9	89.0	93.1	93.9	95.8	96.4	96.4	97.3	97.4	97.4	97.7	97.7	97.9	98.1
≥ 200	70.4	81.7	85.9	89.0	93.1	93.9	95.9	96.5	96.5	97.5	97.7	97.7	97.9	98.0	98.2	98.4
≥ 100	70.4	81.7	85.9	89.0	93.1	93.9	95.9	96.5	96.5	97.6	97.8	97.9	98.3	98.4	98.6	98.9
0	70.4	81.7	85.9	89.0	93.1	93.9	95.9	96.5	96.5	97.6	97.8	97.9	98.3	98.4	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 1240

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | FEB (MONTH) | 01 (HOURS (L S T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	51.8	62.4	65.3	65.3	66.7	68.1	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 20000	51.8	62.4	65.3	65.3	66.7	68.1	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 18000	51.8	62.4	65.3	65.3	66.7	68.1	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 16000	51.8	62.4	65.3	65.3	66.7	68.1	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 14000	52.5	63.1	66.0	66.0	67.4	68.8	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 12000	52.5	63.8	66.7	66.7	68.1	69.5	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 10000	52.5	63.8	66.7	66.7	68.1	69.5	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 9000	52.5	63.8	66.7	66.7	68.1	69.5	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 8000	53.2	64.5	67.4	67.4	68.8	70.2	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 7000	53.2	64.5	68.1	68.1	69.5	70.9	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 6000	53.9	65.3	68.8	68.8	70.2	71.6	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 5000	54.6	66.0	69.5	69.5	70.9	72.3	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 4500	55.3	67.4	71.6	71.6	73.1	74.5	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 4000	55.3	68.1	72.3	72.3	73.8	75.2	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 3500	55.3	68.8	73.1	73.1	74.5	75.9	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 3000	55.3	68.8	73.8	73.8	75.2	76.6	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 2500	56.7	70.9	75.9	75.9	77.3	78.7	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 2000	57.5	73.8	78.7	78.7	80.9	82.3	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 1800	58.2	74.5	79.4	79.4	81.6	83.0	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 1500	58.9	75.2	80.1	80.9	83.0	84.4	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 1200	58.9	75.9	80.9	81.6	83.7	85.1	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1000	60.3	78.0	83.0	83.7	85.8	87.2	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 900	60.3	78.0	83.0	83.7	85.8	87.2	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 800	61.0	79.4	84.4	85.1	87.2	88.7	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 700	61.0	79.4	85.8	86.5	88.7	90.1	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 600	61.0	80.1	86.5	87.2	90.1	91.5	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 500	61.0	80.9	87.2	87.9	90.8	92.2	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 400	61.0	80.9	87.9	88.7	92.2	93.6	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 300	61.0	80.9	87.9	88.7	92.9	94.3	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 200	61.0	80.9	87.9	88.7	92.9	94.3	95.7	95.7	95.7	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 100	61.0	80.9	87.9	88.7	92.9	94.3	95.7	95.7	95.7	96.5	96.5	96.5	97.2	97.2	97.9	97.9
0	61.0	80.9	87.9	88.7	92.9	94.3	95.7	95.7	95.7	96.5	96.5	96.5	97.2	97.2	97.9	100.0

TOTAL NUMBER OF OBSERVATIONS 141

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | FEB (MONTH) | 04 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	49.7	56.0	60.3	60.3	63.1	63.8	63.8	63.8	63.8	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 20000	50.4	57.5	61.7	61.7	64.5	65.3	65.3	65.3	65.3	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 18000	50.4	57.5	61.7	61.7	64.5	65.3	65.3	65.3	65.3	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 16000	50.4	57.5	61.7	61.7	64.5	65.3	65.3	65.3	65.3	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 14000	50.4	57.5	61.7	61.7	64.5	65.3	65.3	65.3	65.3	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 12000	50.4	57.5	61.7	61.7	64.5	65.3	65.3	65.3	65.3	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 10000	50.4	57.5	61.7	61.7	64.5	65.3	65.3	65.3	65.3	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 9000	50.4	57.5	61.7	61.7	64.5	65.3	65.3	65.3	65.3	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 8000	50.4	58.2	62.4	62.4	66.0	66.7	66.7	66.7	66.7	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 7000	51.1	58.9	63.1	63.1	66.7	67.4	67.4	67.4	67.4	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 6000	51.8	59.6	63.8	63.8	67.4	68.1	68.1	68.1	68.1	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 5000	51.8	59.6	63.8	63.8	67.4	68.1	68.1	68.1	68.1	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 4500	52.5	60.3	64.5	64.5	68.1	68.8	68.8	68.8	68.8	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 4000	52.5	60.3	65.3	66.0	69.5	70.2	70.2	70.2	70.2	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 3500	52.5	61.7	66.7	67.4	70.9	71.6	71.6	71.6	71.6	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 3000	53.2	64.5	70.2	70.9	74.5	75.2	75.2	75.2	75.2	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 2500	54.6	66.0	73.1	73.8	77.3	78.0	78.0	78.0	78.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 2000	56.7	70.2	78.0	78.7	82.3	83.0	83.0	83.0	83.0	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 1800	56.7	70.2	78.0	78.7	82.3	83.0	83.0	83.0	83.0	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 1500	57.5	70.9	78.7	79.4	83.0	83.7	83.7	83.7	83.7	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 1200	57.5	70.9	78.7	79.4	83.0	83.7	83.7	83.7	83.7	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 1000	57.5	71.6	80.1	81.6	85.1	85.8	85.8	85.8	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 900	57.5	71.6	80.1	81.6	85.1	85.8	85.8	85.8	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 800	57.5	73.1	82.3	83.7	87.2	87.9	88.7	89.4	89.4	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 700	57.5	73.8	83.0	84.4	87.9	88.7	89.4	90.1	90.1	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 400	57.5	74.5	83.7	85.1	88.7	89.4	90.1	90.8	90.8	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 500	57.5	74.5	83.7	85.1	88.7	90.1	90.8	91.5	91.5	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 400	57.5	74.5	83.7	85.8	89.4	90.8	91.5	92.2	92.2	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 300	57.5	74.5	83.7	85.8	89.4	90.8	91.5	92.2	92.2	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 200	57.5	74.5	83.7	85.8	90.1	91.5	92.2	92.9	92.9	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 100	57.5	74.5	83.7	85.8	90.1	91.5	92.2	92.9	92.9	94.3	94.3	94.3	94.3	94.3	95.0	95.0
≥ 0	57.5	74.5	83.7	85.8	90.1	91.5	92.2	92.9	92.9	94.3	94.3	94.3	95.0	95.0	97.2	100.0

TOTAL NUMBER OF OBSERVATIONS 141

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | FEB (MONTH) | 07 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	48.2	54.6	56.0	56.0	57.5	58.2	58.9	60.3	60.3	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 20000	50.4	58.2	59.6	59.6	61.0	61.7	62.4	63.8	63.8	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 18000	50.4	58.2	59.6	59.6	61.0	61.7	62.4	63.8	63.8	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 16000	50.4	58.2	59.6	59.6	61.0	61.7	62.4	63.8	63.8	64.5	64.5	64.5	64.5	64.5	64.5	65.3
≥ 14000	51.1	58.9	60.3	60.3	61.7	62.4	63.1	64.5	64.5	65.3	65.3	65.3	65.3	65.3	65.3	66.0
≥ 12000	51.1	58.9	60.3	60.3	61.7	62.4	63.1	64.5	64.5	65.3	65.3	65.3	65.3	65.3	65.3	66.0
≥ 10000	51.8	59.6	61.0	61.0	62.4	63.1	63.8	65.3	65.3	66.0	66.0	66.0	66.0	66.0	66.0	66.7
≥ 9000	51.8	59.6	61.0	61.0	62.4	63.1	63.8	65.3	65.3	66.0	66.0	66.0	66.0	66.0	66.0	66.7
≥ 8000	53.2	61.7	63.1	63.1	64.5	65.3	66.0	67.4	67.4	68.1	68.1	68.1	68.1	68.1	68.1	68.8
≥ 7000	54.6	63.1	64.5	64.5	66.0	66.7	67.4	68.8	68.8	69.5	69.5	69.5	69.5	69.5	69.5	70.2
≥ 6000	54.6	63.1	64.5	64.5	66.0	66.7	67.4	69.5	69.5	70.2	70.2	70.2	70.2	70.2	70.2	70.9
≥ 5000	54.6	63.1	64.5	64.5	66.0	66.7	67.4	69.5	69.5	70.2	70.2	70.2	70.2	70.2	70.2	70.9
≥ 4500	55.3	64.5	66.0	66.0	67.4	68.1	68.8	70.9	70.9	71.6	71.6	71.6	71.6	71.6	71.6	72.3
≥ 4000	55.3	64.5	66.0	66.0	67.4	68.1	68.8	70.9	70.9	71.6	71.6	71.6	71.6	71.6	71.6	72.3
≥ 3500	55.3	64.5	66.0	66.0	67.4	68.1	68.8	70.9	70.9	71.6	71.6	71.6	71.6	71.6	71.6	72.3
≥ 3000	55.3	65.3	67.4	67.4	68.8	70.2	70.9	73.1	73.1	73.8	73.8	73.8	73.8	73.8	73.8	74.5
≥ 2500	56.7	66.7	69.5	69.5	70.9	72.3	73.1	75.2	75.2	75.9	75.9	75.9	75.9	75.9	75.9	76.6
≥ 2000	57.5	69.5	73.1	73.1	75.2	76.6	77.3	79.4	79.4	80.1	80.1	80.1	80.1	80.1	80.1	81.6
≥ 1800	57.5	69.5	73.1	73.1	75.2	76.6	77.3	79.4	79.4	80.1	80.1	80.1	80.1	80.1	80.1	81.6
≥ 1500	58.2	72.3	75.9	75.9	78.0	79.4	80.1	83.0	83.0	84.4	85.1	85.1	85.1	85.1	85.1	86.5
≥ 1200	59.6	73.8	78.0	78.0	80.1	81.6	82.3	85.1	85.1	86.5	87.2	87.2	87.2	87.2	87.2	88.7
≥ 1000	59.6	73.8	78.0	78.0	80.1	81.6	82.3	85.1	85.1	86.5	87.2	87.2	87.2	87.2	87.2	88.7
≥ 900	59.6	73.8	78.0	78.0	80.1	81.6	82.3	85.1	85.1	86.5	87.2	87.2	87.2	87.2	87.2	88.7
≥ 800	59.6	73.8	78.0	78.0	80.1	82.3	83.0	85.8	85.8	87.2	87.9	87.9	88.7	88.7	88.7	90.1
≥ 700	59.6	73.8	78.0	78.0	80.1	82.3	83.7	86.5	86.5	87.9	88.7	88.7	89.4	89.4	89.4	90.8
≥ 600	59.6	73.8	78.0	78.0	80.9	83.7	85.1	87.9	87.9	89.4	90.1	90.1	90.8	90.8	90.8	92.9
≥ 500	59.6	73.8	78.0	78.0	81.6	84.4	85.8	88.7	88.7	90.8	91.5	91.5	92.2	92.2	92.2	94.3
≥ 400	59.6	73.8	78.7	78.7	82.3	85.1	86.5	89.4	89.4	92.2	92.9	92.9	93.6	93.6	93.6	95.7
≥ 300	59.6	73.8	78.7	78.7	82.3	85.1	86.5	89.4	89.4	92.2	92.9	92.9	93.6	93.6	93.6	95.7
≥ 200	59.6	73.8	78.7	78.7	82.3	85.1	86.5	89.4	89.4	92.2	93.6	93.6	95.0	95.0	95.0	97.9
≥ 100	59.6	73.8	78.7	78.7	82.3	85.1	86.5	89.4	89.4	92.2	93.6	93.6	95.0	95.0	95.0	97.9
≥ 0	59.6	73.8	78.7	78.7	82.3	85.1	86.5	89.4	89.4	92.2	93.6	93.6	95.0	95.0	95.0	100.0

TOTAL NUMBER OF OBSERVATIONS 141

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | FEB (MONTH) | 10 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	47.5	52.5	56.0	57.5	60.3	60.3	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 20000	51.8	58.2	61.7	63.1	66.7	66.7	67.4	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 18000	52.5	58.9	62.4	63.8	67.4	67.4	68.1	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 16000	52.5	58.9	63.1	64.5	68.1	68.1	68.8	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 14000	53.2	61.0	65.3	66.7	70.9	70.9	71.6	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 12000	53.2	61.0	65.3	66.7	70.9	70.9	71.6	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 10000	55.3	63.1	67.4	68.8	73.1	73.1	73.8	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 9000	55.3	63.1	67.4	68.8	73.1	73.1	73.8	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 8000	55.3	63.1	67.4	68.8	73.1	73.1	73.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 7000	56.7	65.3	69.5	70.9	75.2	75.2	75.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 6000	56.7	65.3	69.5	70.9	75.2	75.2	75.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 5000	56.7	66.0	70.2	71.6	75.9	75.9	76.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 4500	57.5	66.7	70.9	72.3	76.6	76.6	77.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 4000	57.5	66.7	70.9	72.3	77.3	77.3	78.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 3500	57.5	66.7	70.9	72.3	77.3	77.3	78.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 3000	57.5	67.4	72.3	73.8	78.7	78.7	79.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 2500	57.5	68.1	73.1	74.5	79.4	79.4	80.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 2000	58.2	70.2	75.2	78.0	83.0	83.0	84.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 1800	58.2	70.2	75.2	78.0	83.0	83.0	84.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 1500	61.0	73.1	78.0	80.9	86.5	86.5	88.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 1200	61.7	73.8	78.7	81.6	87.2	87.2	89.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 1000	61.7	73.8	78.7	81.6	87.2	87.2	90.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 900	61.7	74.5	79.4	82.3	87.9	87.9	90.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 800	61.7	75.2	80.1	83.0	88.7	89.4	92.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 700	61.7	75.2	80.1	83.0	88.7	89.4	92.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 600	61.7	75.9	80.9	83.7	89.4	90.1	93.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 500	61.7	75.9	80.9	83.7	89.4	90.1	94.3	96.5	96.5	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 400	61.7	75.9	80.9	84.4	90.1	90.8	95.0	97.2	97.2	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 300	61.7	75.9	80.9	84.4	90.1	90.8	95.0	97.2	97.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 200	61.7	75.9	80.9	84.4	90.1	90.8	95.0	97.2	97.2	98.6	98.6	98.6	99.3	99.3	99.3	99.3
≥ 100	61.7	75.9	80.9	84.4	90.1	90.8	95.0	97.2	97.2	98.6	98.6	98.6	99.3	99.3	99.3	100.0
0	61.7	75.9	80.9	84.4	90.1	90.8	95.0	97.2	97.2	98.6	98.6	98.6	99.3	99.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 141

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

13 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	48.9	54.6	56.7	58.9	61.7	61.7	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 20000	52.5	59.6	61.7	63.8	68.1	68.1	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 18000	53.2	61.0	63.1	65.3	69.5	69.5	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 16000	53.2	61.0	63.1	65.3	69.5	69.5	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 14000	53.9	62.4	64.5	66.7	70.9	70.9	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 12000	53.9	62.4	64.5	66.7	70.9	70.9	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 10000	55.3	63.8	66.0	68.1	72.3	72.3	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 9000	55.3	63.8	66.0	68.1	72.3	72.3	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 8000	56.0	65.3	67.4	70.2	74.5	74.5	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 7000	58.9	68.1	70.2	73.1	77.3	77.3	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 6000	58.9	68.1	70.2	73.1	77.3	77.3	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 5000	58.9	68.1	70.2	73.1	77.3	77.3	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 4500	58.9	68.8	70.9	73.8	78.0	78.0	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 4000	59.6	70.2	72.3	75.2	79.4	79.4	80.9	80.9	80.9	80.9	81.6	81.6	81.6	81.6	81.6	81.6
≥ 3500	59.6	70.9	73.1	75.9	80.1	80.1	81.6	81.6	81.6	81.6	82.3	82.3	82.3	82.3	82.3	82.3
≥ 3000	60.3	71.6	73.8	77.3	81.6	81.6	83.0	83.0	83.0	83.0	83.7	83.7	83.7	83.7	83.7	83.7
≥ 2500	61.7	73.1	75.2	78.7	83.0	83.0	84.4	84.4	84.4	84.4	85.1	85.1	85.1	85.1	85.1	85.1
≥ 2000	62.4	73.8	76.6	80.1	84.4	84.4	85.8	85.8	85.8	85.8	86.5	86.5	86.5	86.5	86.5	86.5
≥ 1800	62.4	73.8	76.6	80.1	84.4	84.4	85.8	85.8	85.8	85.8	86.5	86.5	86.5	86.5	86.5	86.5
≥ 1500	63.1	74.5	78.7	83.0	87.2	87.2	88.7	88.7	88.7	88.7	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1200	63.1	74.5	78.7	83.0	87.9	87.9	89.4	89.4	89.4	89.4	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1000	63.8	75.9	80.1	84.4	89.4	89.4	90.8	90.8	90.8	90.8	91.5	91.5	91.5	91.5	91.5	91.5
≥ 900	63.8	75.9	80.1	84.4	90.1	90.1	92.9	92.9	92.9	92.9	93.6	93.6	93.6	93.6	93.6	93.6
≥ 800	63.8	76.6	80.9	85.1	90.8	90.8	93.6	93.6	93.6	93.6	94.3	94.3	94.3	94.3	94.3	94.3
≥ 700	63.8	77.3	81.6	85.8	91.5	91.5	94.3	94.3	94.3	94.3	95.0	95.0	95.0	95.0	95.0	95.0
≥ 600	63.8	77.3	81.6	85.8	91.5	91.5	94.3	94.3	94.3	94.3	95.0	95.0	95.0	95.0	95.0	95.0
≥ 500	63.8	78.0	83.0	87.2	93.6	93.6	96.5	96.5	96.5	96.5	97.2	97.2	97.2	97.2	97.2	97.2
≥ 400	63.8	78.0	83.7	87.9	94.3	94.3	97.2	97.2	97.2	97.2	97.9	97.9	97.9	97.9	97.9	97.9
≥ 300	63.8	78.0	83.7	87.9	94.3	94.3	97.2	97.2	97.2	97.9	98.6	98.6	98.6	99.3	99.3	99.3
≥ 200	63.8	78.0	83.7	87.9	94.3	94.3	97.9	97.9	97.9	98.6	99.3	99.3	99.3	100.0	100.0	100.0
≥ 100	63.8	78.0	83.7	87.9	94.3	94.3	97.9	97.9	97.9	98.6	99.3	99.3	99.3	100.0	100.0	100.0
0	63.8	78.0	83.7	87.9	94.3	94.3	97.9	97.9	97.9	98.6	99.3	99.3	99.3	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 141

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | FEB (MONTH) | 16 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	51.1	56.0	62.4	63.1	63.1	65.3	66.0	66.0	66.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 20000	55.3	62.4	69.5	70.9	71.6	73.8	74.5	74.5	74.5	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 18000	56.0	63.1	70.2	71.6	72.3	74.5	75.2	75.2	75.2	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 16000	56.0	63.1	70.2	71.6	72.3	74.5	75.2	75.2	75.2	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 14000	56.7	63.8	70.9	72.3	73.1	75.2	75.9	75.9	75.9	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 12000	56.7	63.8	70.9	72.3	73.1	75.2	75.9	75.9	75.9	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 10000	57.5	64.5	71.6	73.1	73.8	75.9	76.6	76.6	76.6	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 9000	57.5	64.5	71.6	73.1	73.8	75.9	76.6	76.6	76.6	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 8000	59.6	67.4	74.5	75.9	77.3	79.4	80.1	80.1	80.1	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 7000	61.0	68.8	76.6	78.0	79.4	81.6	82.3	82.3	82.3	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 6000	61.7	69.5	77.3	78.7	80.1	82.3	83.0	83.0	83.0	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 5000	62.4	70.2	78.0	79.4	80.9	83.0	84.4	84.4	84.4	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 4500	62.4	70.2	78.0	79.4	80.9	83.0	84.4	84.4	84.4	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 4000	62.4	70.2	78.0	79.4	80.9	83.0	84.4	84.4	84.4	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 3500	62.4	70.9	78.7	80.1	81.6	83.7	85.1	85.1	85.1	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 3000	63.1	71.6	79.4	80.9	82.3	84.4	85.8	85.8	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 2500	63.8	73.1	82.3	83.7	85.1	87.2	88.7	88.7	88.7	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 2000	64.5	75.2	84.4	85.8	87.2	90.1	91.5	91.5	91.5	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1800	64.5	75.2	84.4	85.8	87.2	90.1	91.5	91.5	91.5	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1500	65.3	77.3	86.5	87.9	89.4	92.9	94.3	94.3	94.3	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1200	65.3	77.3	86.5	87.9	89.4	92.9	94.3	94.3	94.3	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1000	65.3	77.3	86.5	87.9	89.4	92.9	94.3	94.3	94.3	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 900	65.3	77.3	86.5	87.9	89.4	92.9	94.3	94.3	94.3	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 800	66.0	78.0	87.9	89.4	90.8	94.3	95.7	95.7	95.7	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 700	66.0	78.0	87.9	89.4	90.8	94.3	95.7	95.7	95.7	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 600	66.0	78.0	87.9	89.4	90.8	94.3	95.7	96.5	96.5	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 500	66.0	78.0	87.9	89.4	90.8	95.0	96.5	97.2	97.2	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 400	66.0	78.0	87.9	90.1	91.5	95.7	97.9	98.6	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	66.0	78.0	88.7	90.8	92.2	96.5	98.6	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	66.0	78.0	88.7	90.8	92.2	96.5	98.6	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	66.0	78.0	88.7	90.8	92.2	96.5	98.6	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	66.0	78.0	88.7	90.8	92.2	96.5	98.6	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 141

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | FEB (MONTH) | 19 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	55.3	63.1	65.3	66.7	67.4	67.4	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	69.5
≥ 20000	58.2	66.7	68.8	70.2	71.6	71.6	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.8
≥ 18000	58.2	66.7	68.8	70.2	72.3	72.3	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	74.5
≥ 16000	58.2	66.7	68.8	70.2	72.3	72.3	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	74.5
≥ 14000	58.2	66.7	68.8	70.2	72.3	72.3	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	74.5
≥ 12000	58.9	67.4	69.5	70.9	73.1	73.1	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	75.2
≥ 10000	58.9	67.4	69.5	70.9	73.1	73.1	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	75.2
≥ 9000	58.9	67.4	69.5	70.9	73.1	73.1	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	75.2
≥ 8000	59.6	68.1	70.2	71.6	73.8	73.8	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.9
≥ 7000	60.3	68.8	70.9	72.3	74.5	74.5	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	76.6
≥ 6000	60.3	69.5	71.6	73.1	75.2	75.2	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	77.3
≥ 5000	60.3	69.5	71.6	73.1	75.2	75.2	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	77.3
≥ 4500	61.7	71.6	73.8	75.2	77.3	77.3	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	79.4
≥ 4000	61.7	72.3	75.2	76.6	78.7	78.7	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.9
≥ 3500	61.7	72.3	75.2	76.6	78.7	78.7	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.9
≥ 3000	61.7	73.1	75.9	77.3	79.4	79.4	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	81.6
≥ 2500	62.4	75.2	78.7	80.1	82.3	83.0	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	85.1
≥ 2000	63.8	77.3	80.9	82.3	84.4	85.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.9
≥ 1800	63.8	77.3	80.9	82.3	84.4	85.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.9
≥ 1500	63.8	77.3	81.6	83.0	85.8	86.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	89.4
≥ 1200	64.5	78.0	83.0	85.1	87.9	88.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	91.5
≥ 1000	65.3	78.7	83.7	85.8	88.7	89.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	92.2
≥ 900	65.3	79.4	84.4	86.5	89.4	90.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.9
≥ 800	65.3	79.4	85.1	87.2	90.1	90.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.6
≥ 700	65.3	79.4	85.1	87.2	90.1	90.8	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	94.3
≥ 600	66.0	80.1	85.8	89.4	92.2	92.9	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	96.5
≥ 500	66.0	80.1	85.8	89.4	92.2	92.9	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	96.5
≥ 400	66.0	80.1	85.8	89.4	92.2	92.9	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	97.2
≥ 300	66.0	80.1	85.8	89.4	92.9	93.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	99.3
≥ 200	66.0	80.1	85.8	89.4	92.9	93.6	98.6	98.6	98.6	99.3	99.3	99.3	99.3	99.3	99.3	100.0
≥ 100	66.0	80.1	85.8	89.4	92.9	93.6	98.6	98.6	98.6	99.3	99.3	99.3	99.3	99.3	99.3	100.0
0	66.0	80.1	85.8	89.4	92.9	93.6	98.6	98.6	98.6	99.3	99.3	99.3	99.3	99.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 141

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

22 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	57.5	63.8	67.4	67.4	69.5	70.2	70.9	70.9	70.9	71.6	71.6	71.6	71.6	71.6	72.3	72.3
≥ 20000	60.3	67.4	70.9	70.9	73.1	73.8	74.5	74.5	74.5	75.2	75.2	75.2	75.2	75.2	75.9	75.9
≥ 18000	60.3	67.4	70.9	70.9	73.1	73.8	74.5	74.5	74.5	75.2	75.2	75.2	75.2	75.2	75.9	75.9
≥ 16000	60.3	67.4	70.9	70.9	73.1	73.8	74.5	74.5	74.5	75.2	75.2	75.2	75.2	75.2	75.9	75.9
≥ 14000	61.7	68.8	72.3	72.3	74.5	75.2	75.9	75.9	75.9	76.6	76.6	76.6	76.6	76.6	77.3	77.3
≥ 12000	61.7	68.8	72.3	72.3	74.5	75.2	75.9	75.9	75.9	76.6	76.6	76.6	76.6	76.6	77.3	77.3
≥ 10000	61.7	68.8	72.3	72.3	74.5	75.2	75.9	75.9	75.9	76.6	76.6	76.6	76.6	76.6	77.3	77.3
≥ 9000	61.7	68.8	72.3	72.3	74.5	75.2	75.9	75.9	75.9	76.6	76.6	76.6	76.6	76.6	77.3	77.3
≥ 8000	62.4	69.5	73.1	73.1	75.2	75.9	76.6	76.6	76.6	77.3	77.3	77.3	77.3	77.3	78.0	78.0
≥ 7000	62.4	69.5	73.8	73.8	75.9	76.6	77.3	77.3	77.3	78.0	78.0	78.0	78.0	78.0	78.7	78.7
≥ 6000	63.1	70.2	74.5	74.5	76.6	77.3	78.0	78.0	78.0	78.7	78.7	78.7	78.7	78.7	79.4	79.4
≥ 5000	63.1	70.2	74.5	74.5	76.6	77.3	78.0	78.0	78.0	78.7	78.7	78.7	78.7	78.7	79.4	79.4
≥ 4500	63.8	71.6	75.9	75.9	78.7	79.4	80.1	80.1	80.1	80.9	80.9	80.9	80.9	80.9	81.6	81.6
≥ 4000	63.8	71.6	75.9	75.9	78.7	79.4	80.1	80.1	80.1	80.9	80.9	80.9	80.9	80.9	81.6	81.6
≥ 3500	63.8	72.3	76.6	76.6	79.4	80.1	80.9	80.9	80.9	81.6	81.6	81.6	81.6	81.6	82.3	82.3
≥ 3000	63.8	73.8	78.0	78.0	80.9	81.6	82.3	82.3	82.3	83.0	83.0	83.0	83.0	83.0	83.7	83.7
≥ 2500	63.8	74.5	79.4	79.4	82.3	83.0	83.7	83.7	83.7	84.4	84.4	84.4	84.4	84.4	85.1	85.1
≥ 2000	64.5	75.9	80.9	80.9	84.4	85.1	86.5	86.5	86.5	87.2	87.2	87.2	87.2	87.2	87.9	87.9
≥ 1800	64.5	75.9	80.9	80.9	84.4	85.1	86.5	86.5	86.5	87.2	87.2	87.2	87.2	87.2	87.9	87.9
≥ 1500	64.5	75.9	81.6	81.6	85.1	85.8	87.2	87.2	87.2	87.9	87.9	87.9	87.9	87.9	88.7	88.7
≥ 1200	64.5	75.9	81.6	81.6	85.1	85.8	87.2	87.2	87.2	87.9	87.9	87.9	87.9	87.9	88.7	88.7
≥ 1000	64.5	75.9	81.6	81.6	85.1	85.8	87.2	87.2	87.2	87.9	87.9	87.9	87.9	87.9	88.7	88.7
≥ 900	64.5	75.9	81.6	81.6	85.1	85.8	87.2	87.2	87.2	87.9	87.9	87.9	87.9	87.9	88.7	88.7
≥ 800	64.5	78.0	83.7	84.4	87.9	89.4	90.8	90.8	90.8	91.5	91.5	91.5	91.5	91.5	92.2	92.2
≥ 700	66.0	79.4	85.1	85.8	89.4	90.8	92.2	92.2	92.2	92.9	92.9	92.9	92.9	92.9	93.6	93.6
≥ 600	66.0	79.4	85.1	85.8	89.4	90.8	92.2	92.2	92.2	92.9	92.9	92.9	92.9	92.9	93.6	93.6
≥ 500	66.0	79.4	85.1	85.8	89.4	90.8	92.2	92.2	92.2	92.9	92.9	92.9	92.9	92.9	93.6	93.6
≥ 400	66.0	79.4	85.8	86.5	90.1	91.5	92.9	92.9	92.9	93.6	93.6	93.6	93.6	93.6	94.3	94.3
≥ 300	66.0	79.4	85.8	86.5	90.8	92.2	95.0	95.7	95.7	96.5	96.5	96.5	96.5	96.5	97.2	97.2
≥ 200	66.0	79.4	85.8	86.5	90.8	92.2	95.0	95.7	95.7	96.5	96.5	96.5	97.2	97.2	97.9	97.9
≥ 100	66.0	79.4	85.8	86.5	90.8	92.2	95.0	95.7	95.7	96.5	96.5	96.5	97.2	97.2	97.9	98.6
0	66.0	79.4	85.8	86.5	90.8	92.2	95.0	95.7	95.7	96.5	96.5	96.5	97.2	97.2	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 141

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | FEB (MONTH) | ALL (HOURS (L S T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	51.2	57.9	61.2	61.9	63.7	64.4	65.2	65.3	65.3	65.7	65.7	65.7	65.7	65.7	65.8	65.9
≥ 20000	53.8	61.5	64.9	65.7	67.9	68.6	69.4	69.7	69.7	70.0	70.0	70.0	70.0	70.0	70.1	70.2
≥ 18000	54.1	61.9	65.3	66.1	68.4	69.1	69.9	70.1	70.1	70.5	70.5	70.5	70.5	70.5	70.6	70.7
≥ 16000	54.1	61.9	65.3	66.1	68.4	69.2	70.0	70.2	70.2	70.6	70.6	70.6	70.6	70.6	70.7	70.8
≥ 14000	54.7	62.8	66.2	67.0	69.4	70.1	70.9	71.3	71.3	71.6	71.6	71.6	71.6	71.6	71.7	71.9
≥ 12000	54.8	62.9	66.4	67.2	69.6	70.3	71.1	71.5	71.5	71.8	71.8	71.8	71.8	71.8	71.9	72.1
≥ 10000	55.4	63.6	67.0	67.8	70.2	70.9	71.7	72.1	72.1	72.4	72.4	72.4	72.4	72.4	72.5	72.7
≥ 9000	55.4	63.6	67.0	67.8	70.2	70.9	71.7	72.1	72.1	72.4	72.4	72.4	72.4	72.4	72.5	72.7
≥ 8000	56.2	64.7	68.2	69.1	71.6	72.3	73.1	73.6	73.6	73.9	73.9	73.9	73.9	73.9	74.0	74.2
≥ 7000	57.3	65.9	69.6	70.5	73.1	73.8	74.6	75.0	75.0	75.4	75.4	75.4	75.4	75.4	75.4	75.6
≥ 6000	57.6	66.3	70.0	70.9	73.5	74.2	75.0	75.5	75.5	75.9	75.9	75.9	75.9	75.9	76.0	76.2
≥ 5000	57.8	66.6	70.3	71.2	73.8	74.5	75.4	75.9	75.9	76.2	76.2	76.2	76.2	76.2	76.3	76.5
≥ 4500	58.4	67.8	71.5	72.3	75.0	75.7	76.6	77.1	77.1	77.5	77.5	77.5	77.5	77.5	77.6	77.8
≥ 4000	58.5	68.0	72.0	73.0	75.7	76.4	77.3	77.8	77.8	78.2	78.3	78.3	78.3	78.3	78.4	78.6
≥ 3500	58.5	68.5	72.5	73.5	76.2	77.0	77.8	78.4	78.4	78.7	78.8	78.8	78.8	78.8	78.9	79.1
≥ 3000	58.8	69.5	73.9	74.9	77.7	78.5	79.3	79.9	79.9	80.2	80.3	80.3	80.3	80.3	80.4	80.6
≥ 2500	59.7	70.9	75.9	77.0	79.7	80.6	81.5	82.0	82.0	82.4	82.5	82.5	82.5	82.5	82.5	82.7
≥ 2000	60.6	73.2	78.5	79.7	82.7	83.7	84.8	85.4	85.4	85.7	85.8	85.8	85.8	85.8	85.9	86.2
≥ 1800	60.7	73.3	78.6	79.8	82.8	83.8	84.9	85.5	85.5	85.8	85.9	85.9	85.9	85.9	86.0	86.3
≥ 1500	61.5	74.6	80.1	81.6	84.8	85.8	87.1	87.7	87.7	88.1	88.3	88.3	88.3	88.3	88.4	88.7
≥ 1200	61.9	75.0	80.8	82.3	85.6	86.6	87.9	88.5	88.5	88.9	89.1	89.1	89.1	89.1	89.2	89.5
≥ 1000	62.2	75.6	81.5	83.1	86.4	87.4	88.7	89.4	89.4	89.8	90.0	90.0	90.0	90.0	90.1	90.3
≥ 900	62.2	75.8	81.7	83.2	86.6	87.7	89.2	89.8	89.8	90.3	90.4	90.4	90.4	90.4	90.5	90.8
≥ 800	62.4	76.7	82.8	84.5	87.9	89.2	90.8	91.5	91.5	91.9	92.1	92.1	92.2	92.2	92.3	92.6
≥ 700	62.6	77.0	83.3	85.0	88.4	89.7	91.5	92.2	92.2	92.6	92.8	92.8	92.9	92.9	93.0	93.3
≥ 600	62.7	77.4	83.7	85.6	89.1	90.5	92.4	93.2	93.2	93.6	93.8	93.8	93.9	93.9	94.0	94.3
≥ 500	62.7	77.6	84.0	85.8	89.5	91.1	93.1	93.9	93.9	94.5	94.7	94.7	94.8	94.8	94.9	95.2
≥ 400	62.7	77.6	84.3	86.4	90.3	91.8	94.0	94.8	94.8	95.5	95.7	95.7	95.7	95.7	95.8	96.2
≥ 300	62.7	77.6	84.4	86.5	90.6	92.2	94.7	95.6	95.6	96.5	96.6	96.6	96.7	96.8	96.9	97.3
≥ 200	62.7	77.6	84.4	86.5	90.7	92.3	95.0	95.8	95.8	97.0	97.3	97.3	97.6	97.7	97.8	98.2
≥ 100	62.7	77.6	84.4	86.5	90.7	92.3	95.0	95.8	95.8	97.0	97.3	97.3	97.7	97.8	98.1	98.7
0	62.7	77.6	84.4	86.5	90.7	92.3	95.0	95.8	95.8	97.0	97.3	97.3	97.8	97.9	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 1128

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) — POINT MUGU, CALIFORNIA (STATION NAME) — 73-77 (YEARS) — MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

01 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	54.8	67.7	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 20000	55.5	69.7	72.3	72.3	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 18000	55.5	69.7	72.3	72.3	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 16000	55.5	69.7	72.3	72.3	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 14000	55.5	69.7	72.3	72.3	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 12000	56.1	70.3	72.9	72.9	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 10000	56.1	70.3	72.9	72.9	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 9000	56.1	70.3	72.9	72.9	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 8000	56.8	71.0	73.6	73.6	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 7000	58.1	72.3	74.8	74.8	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 6000	58.1	72.3	74.8	74.8	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 5000	59.4	73.6	76.1	76.1	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 4500	59.4	74.8	77.4	77.4	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 4000	59.4	75.5	78.1	78.1	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 3500	60.0	76.1	78.7	78.7	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 3000	61.3	78.1	80.7	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 2500	61.3	79.4	81.9	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 2000	61.9	81.3	83.9	84.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1800	61.9	81.3	83.9	84.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1500	61.9	81.9	84.5	85.2	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1200	62.6	82.6	85.8	86.5	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 1000	62.6	84.5	88.4	89.7	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 900	62.6	84.5	88.4	89.7	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 800	62.6	84.5	89.0	90.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 700	62.6	84.5	89.7	91.0	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 600	62.6	85.2	90.3	91.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	94.2	94.2	94.2	94.2
≥ 500	62.6	85.8	91.6	92.9	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	96.1	96.1	96.1	96.1
≥ 400	62.6	85.8	91.6	92.9	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.8	96.8	96.8	96.8
≥ 300	62.6	85.8	91.6	92.9	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.8	96.8	96.8	96.8
≥ 200	62.6	85.8	91.6	92.9	95.5	96.8	97.4	97.4	97.4	97.4	97.4	97.4	98.1	98.1	98.7	98.7
≥ 100	62.6	85.8	91.6	92.9	96.1	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.7	98.7	99.4	99.4
0	62.6	85.8	91.6	92.9	96.1	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.7	98.7	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

04 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	52.3	62.6	63.9	64.5	65.2	65.2	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 20000	52.9	63.9	65.2	65.8	67.1	67.1	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 18000	52.9	63.9	65.2	65.8	67.1	67.1	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 16000	52.9	63.9	65.2	65.8	67.1	67.1	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 14000	52.9	63.9	65.2	65.8	67.1	67.1	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 12000	52.9	64.5	65.8	66.5	67.7	67.7	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 10000	52.9	64.5	65.8	66.5	67.7	67.7	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 9000	52.9	64.5	65.8	66.5	67.7	67.7	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 8000	52.9	65.2	66.5	67.1	68.4	68.4	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 7000	53.6	65.8	67.1	67.7	69.0	69.0	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 6000	54.2	66.5	67.7	68.4	69.7	69.7	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 5000	55.5	67.7	69.0	69.7	71.0	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 4500	55.5	69.7	71.0	71.6	72.9	72.9	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 4000	55.5	69.7	71.0	71.6	72.9	72.9	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 3500	55.5	70.3	71.6	72.3	73.6	73.6	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 3000	56.8	72.3	73.6	74.2	75.5	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 2500	57.4	73.6	74.8	75.5	76.8	76.8	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 2000	58.7	76.1	77.4	78.1	79.4	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 1800	58.7	76.8	78.1	79.4	80.7	81.3	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 1500	60.0	79.4	81.9	83.9	85.2	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 1200	60.0	79.4	82.6	84.5	85.8	86.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1000	60.0	80.7	83.9	86.5	87.7	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 900	60.0	80.7	83.9	86.5	87.7	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 800	60.0	81.9	85.2	87.7	89.7	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 700	60.0	82.6	85.8	88.4	90.3	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 600	60.0	82.6	85.8	88.4	91.0	92.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 500	60.0	82.6	85.8	88.4	91.0	92.3	94.2	94.2	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 400	60.0	82.6	86.5	89.0	91.6	92.9	94.8	94.8	94.8	95.5	95.5	95.5	96.1	96.1	96.1	96.1
≥ 300	60.0	83.2	87.1	89.7	92.3	93.6	96.1	96.1	96.1	96.8	96.8	96.8	97.4	97.4	97.4	97.4
≥ 200	60.0	83.2	87.1	89.7	92.9	94.2	97.4	97.4	97.4	98.1	98.1	98.1	98.7	98.7	98.7	98.7
≥ 100	60.0	83.2	87.1	89.7	92.9	94.2	97.4	97.4	97.4	98.1	98.1	98.1	98.7	98.7	98.7	98.7
0	60.0	83.2	87.1	89.7	92.9	94.2	97.4	97.4	97.4	98.1	98.1	98.1	98.7	98.7	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

07 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	48.4	56.8	58.7	59.4	59.4	59.4	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 20000	49.0	57.4	60.7	61.3	61.9	61.9	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 18000	49.0	57.4	60.7	61.3	61.9	61.9	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 15000	49.0	57.4	60.7	61.3	61.9	61.9	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 14000	49.0	58.1	61.3	61.9	62.6	62.6	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 12000	49.0	58.1	61.3	61.9	62.6	62.6	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 10000	49.0	58.7	61.9	62.6	63.9	63.9	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 9000	49.0	58.7	61.9	62.6	63.9	63.9	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 8000	49.0	59.4	62.6	63.2	64.5	64.5	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 7000	49.0	59.4	62.6	63.2	64.5	64.5	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 6000	49.0	59.4	62.6	63.2	64.5	64.5	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 5000	49.0	59.4	62.6	63.2	64.5	64.5	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 4500	49.0	60.0	63.2	63.9	65.2	65.2	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 4000	49.7	61.3	64.5	65.2	66.5	66.5	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 3500	51.6	63.2	66.5	67.7	69.0	69.0	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 3000	52.9	65.2	68.4	69.7	71.0	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 2500	54.2	67.1	70.3	71.6	72.9	72.9	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 2000	55.5	71.0	74.2	75.5	78.1	78.7	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 1800	55.5	71.6	74.8	76.1	78.7	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 1500	55.5	72.3	77.4	79.4	81.9	83.2	84.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1200	55.5	72.3	77.4	79.4	82.6	83.9	85.2	86.5	86.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1000	55.5	72.9	79.4	81.9	85.2	86.5	87.7	89.0	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 900	55.5	72.9	79.4	81.9	85.2	86.5	87.7	89.0	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 800	56.8	74.8	81.9	84.5	88.4	89.7	91.0	92.9	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 700	56.8	74.8	81.9	84.5	88.4	89.7	91.0	92.9	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 600	57.4	75.5	83.2	85.8	89.7	91.0	92.3	94.2	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 500	57.4	75.5	83.2	85.8	89.7	91.0	92.3	94.2	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 400	57.4	75.5	83.2	85.8	89.7	91.0	92.9	94.8	95.5	96.1	96.1	96.1	96.8	96.8	96.8	96.8
≥ 300	57.4	75.5	83.2	85.8	89.7	91.0	92.9	94.8	95.5	96.1	96.1	96.1	96.8	96.8	96.8	96.8
≥ 200	57.4	75.5	83.2	85.8	89.7	91.0	93.6	95.5	96.1	96.8	96.8	96.8	97.4	97.4	98.1	98.1
≥ 100	57.4	75.5	83.2	85.8	89.7	91.0	93.6	95.5	96.1	96.8	96.8	96.8	97.4	97.4	98.1	98.1
0	57.4	75.5	83.2	85.8	89.7	91.0	93.6	95.5	96.1	96.8	96.8	96.8	97.4	97.4	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | MAR (MONTH) | 10 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	45.8	52.3	58.1	59.4	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 20000	49.0	56.1	63.2	64.5	65.8	65.8	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 18000	49.0	56.1	63.2	64.5	65.8	65.8	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 16000	49.0	56.1	63.2	64.5	65.8	65.8	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 14000	49.0	56.1	63.2	64.5	65.8	65.8	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 12000	49.0	56.1	63.2	64.5	65.8	65.8	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 10000	50.3	58.1	65.2	66.5	67.7	67.7	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 9000	50.3	58.1	65.2	66.5	67.7	67.7	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 8000	50.3	58.1	65.2	66.5	67.7	67.7	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 7000	51.6	59.4	66.5	67.7	69.0	69.0	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 6000	51.6	59.4	66.5	67.7	69.0	69.0	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 5000	52.9	60.7	67.7	69.7	71.0	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 4500	52.9	61.3	68.4	70.3	71.6	71.6	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 4000	54.8	63.9	71.6	73.6	74.8	74.8	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 3500	56.1	66.5	74.2	76.1	77.4	77.4	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 3000	57.4	69.0	76.8	78.7	80.0	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 2500	57.4	69.7	78.1	80.0	81.3	81.3	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 2000	58.7	73.6	83.2	86.5	87.7	87.7	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 1800	58.7	73.6	83.2	86.5	87.7	87.7	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 1500	59.4	75.5	85.8	90.3	92.3	92.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1200	59.4	75.5	86.5	91.0	92.9	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1000	59.4	75.5	87.1	91.6	94.8	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 900	60.0	76.1	87.7	92.9	96.1	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 800	60.0	76.1	87.7	92.9	96.1	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 700	60.0	76.1	87.7	92.9	96.1	96.1	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 600	60.0	76.1	87.7	92.9	96.1	96.1	96.8	97.4	97.4	97.4	98.1	98.1	98.1	98.1	98.1	98.1
≥ 500	60.0	76.1	87.7	92.9	96.1	96.1	96.8	97.4	97.4	97.4	98.1	98.1	98.1	98.1	98.1	98.1
≥ 400	60.0	76.1	87.7	92.9	96.1	96.1	96.8	98.1	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7
≥ 300	60.0	76.1	87.7	92.9	96.1	96.1	96.8	98.1	98.1	98.7	99.4	99.4	100.0	100.0	100.0	100.0
≥ 200	60.0	76.1	87.7	92.9	96.1	96.1	96.8	98.1	98.1	98.7	99.4	99.4	100.0	100.0	100.0	100.0
≥ 100	60.0	76.1	87.7	92.9	96.1	96.1	96.8	98.1	98.1	98.7	99.4	99.4	100.0	100.0	100.0	100.0
0	60.0	76.1	87.7	92.9	96.1	96.1	96.8	98.1	98.1	98.7	99.4	99.4	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | MAR (MONTH) | 13 (HOURS (L S T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	51.6	62.6	67.1	68.4	68.4	69.0	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 20000	55.5	67.7	72.3	74.2	74.2	75.5	76.1	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 18000	55.5	67.7	72.3	74.2	74.2	75.5	76.1	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
< 16000	56.1	68.4	72.9	74.8	74.8	76.1	76.8	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 14000	56.1	68.4	72.9	74.8	74.8	76.1	76.8	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
< 12000	56.1	68.4	72.9	74.8	74.8	76.1	76.8	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 10000	56.1	69.0	73.6	75.5	75.5	76.8	77.4	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
< 9000	56.1	69.0	73.6	75.5	75.5	76.8	77.4	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 8000	56.1	69.0	73.6	75.5	75.5	76.8	77.4	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
< 7000	57.4	70.3	74.8	76.8	76.8	78.1	78.7	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 6000	57.4	70.3	74.8	76.8	76.8	78.1	78.7	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
< 5000	58.1	71.0	75.5	77.4	77.4	78.7	79.4	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 4500	58.1	71.0	75.5	77.4	77.4	78.7	79.4	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
< 4000	59.4	73.6	78.1	80.0	80.0	81.3	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 3500	60.7	74.8	79.4	81.3	81.3	82.6	83.2	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
< 3000	63.2	78.1	82.6	85.2	85.2	86.5	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 2500	63.9	78.7	83.2	86.5	86.5	87.7	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
< 2000	63.9	78.7	83.9	87.1	87.1	88.4	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1800	64.5	79.4	84.5	87.7	87.7	89.0	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
< 1500	65.2	81.3	87.1	91.6	92.3	93.6	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1200	65.2	82.6	89.0	93.6	94.2	95.5	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
< 1000	65.2	82.6	89.0	93.6	94.8	96.1	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 900	65.2	82.6	89.0	93.6	94.8	96.1	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
< 800	65.2	82.6	89.0	93.6	94.8	96.1	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 700	65.2	82.6	89.0	93.6	94.8	96.1	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
< 600	65.2	82.6	89.0	93.6	94.8	96.1	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 500	65.2	82.6	89.0	93.6	94.8	96.1	98.1	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4
< 400	65.2	82.6	89.0	93.6	95.5	96.8	98.7	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	65.2	82.6	89.0	93.6	95.5	96.8	98.7	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
< 200	65.2	82.6	89.0	93.6	95.5	96.8	98.7	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	65.2	82.6	89.0	93.6	95.5	96.8	98.7	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
0	65.2	82.6	89.0	93.6	95.5	96.8	98.7	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | MAR (MONTH) | 16 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	53.6	65.8	69.7	70.3	70.3	70.3	70.3	70.3	70.3	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 20000	58.7	71.6	75.5	76.1	77.4	78.1	78.7	78.7	78.7	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 18000	58.7	71.6	75.5	76.1	77.4	78.1	78.7	78.7	78.7	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 16000	59.4	72.3	76.1	76.8	78.1	78.7	79.4	79.4	79.4	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 14000	59.4	72.3	76.1	76.8	78.1	78.7	79.4	79.4	79.4	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 12000	60.7	73.6	77.4	78.1	79.4	80.0	80.7	80.7	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 10000	61.3	74.2	78.1	78.7	80.0	80.7	81.3	81.3	81.3	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 9000	61.3	74.8	78.7	79.4	80.7	81.3	81.9	81.9	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 8000	61.3	74.8	78.7	79.4	80.7	81.3	81.9	81.9	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 7000	61.9	75.5	79.4	80.0	81.3	81.9	82.6	82.6	82.6	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 6000	61.9	75.5	79.4	80.0	81.3	81.9	82.6	82.6	82.6	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 5000	62.6	76.1	80.0	80.7	81.9	82.6	83.2	83.2	83.2	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 4500	62.6	76.1	80.0	80.7	81.9	82.6	83.2	83.2	83.2	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 4000	63.2	77.4	81.3	81.9	83.2	83.9	84.5	84.5	84.5	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 3500	63.2	77.4	81.3	81.9	83.2	83.9	84.5	84.5	84.5	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 3000	63.9	79.4	83.2	83.9	85.2	85.8	86.5	86.5	86.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 2500	65.2	81.9	85.8	87.1	88.4	89.0	89.7	90.3	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 2000	67.1	84.5	88.4	89.7	91.0	91.6	92.3	92.9	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1800	67.1	84.5	88.4	89.7	91.0	91.6	92.3	92.9	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1500	67.7	87.1	91.0	92.9	94.2	94.8	95.5	96.1	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1200	67.7	87.1	91.0	92.9	94.2	94.8	95.5	96.1	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1000	67.7	87.1	91.0	92.9	94.2	95.5	96.1	96.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 900	67.7	87.1	91.0	92.9	94.2	95.5	96.1	96.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 800	67.7	87.1	91.0	92.9	94.2	95.5	96.1	97.4	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 700	67.7	87.1	91.6	93.6	94.8	96.1	96.8	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	67.7	87.1	91.6	93.6	94.8	96.1	97.4	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	67.7	87.7	92.3	94.2	95.5	96.8	98.1	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	67.7	87.7	92.3	94.2	95.5	96.8	98.1	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	67.7	87.7	92.3	94.2	95.5	96.8	98.1	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	67.7	87.7	92.3	94.2	95.5	96.8	98.1	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	67.7	87.7	92.3	94.2	95.5	96.8	98.1	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	67.7	87.7	92.3	94.2	95.5	96.8	98.1	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | MAR (MONTH) | 19 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	53.6	69.0	72.3	72.3	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 20000	54.2	70.3	73.6	73.6	74.2	74.2	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 18000	54.8	71.0	74.2	74.2	74.8	74.8	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 16000	54.8	71.0	74.2	74.2	74.8	74.8	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 14000	55.5	71.6	74.8	74.8	75.5	75.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 12000	55.5	71.6	74.8	74.8	75.5	75.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 10000	56.1	72.3	75.5	75.5	76.1	76.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 9000	56.8	72.9	76.1	76.1	76.8	76.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 8000	56.8	72.9	76.1	76.1	76.8	76.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 7000	56.8	73.6	76.8	76.8	77.4	77.4	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 6000	57.4	74.2	77.4	77.4	78.1	78.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 5000	57.4	74.2	77.4	77.4	78.1	78.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 4500	58.1	76.1	79.4	79.4	80.0	80.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 4000	59.4	78.1	81.3	81.3	81.9	81.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 3500	60.7	79.4	82.6	82.6	83.2	83.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 3000	62.6	81.3	85.2	85.2	85.8	85.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 2500	63.2	81.9	85.8	85.8	86.5	86.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 2000	63.9	83.2	87.7	87.7	88.4	88.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1800	63.9	83.2	87.7	87.7	88.4	88.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1500	65.2	85.2	90.3	90.3	91.6	91.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1200	65.2	85.8	91.6	91.6	93.6	93.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1000	65.2	86.5	92.9	92.9	94.8	94.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 900	65.2	86.5	92.9	92.9	94.8	94.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 800	65.2	86.5	92.9	92.9	94.8	94.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 700	65.8	87.1	93.6	93.6	95.5	95.5	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 600	65.8	87.1	93.6	94.2	96.1	96.1	98.1	98.1	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	65.8	87.1	93.6	94.2	96.1	96.1	98.1	98.1	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400	65.8	87.1	93.6	94.2	96.1	96.1	98.7	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	65.8	87.1	93.6	94.2	96.1	96.1	98.7	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	65.8	87.1	93.6	94.2	96.1	96.1	98.7	98.7	98.7	98.7	99.4	99.4	99.4	99.4	100.0	100.0
≥ 100	65.8	87.1	93.6	94.2	96.1	96.1	98.7	98.7	98.7	98.7	99.4	99.4	99.4	99.4	100.0	100.0
0	65.8	87.1	93.6	94.2	96.1	96.1	98.7	98.7	98.7	98.7	99.4	99.4	99.4	99.4	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | MAR (MONTH) | 22 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	60.0	70.3	72.3	73.6	73.6	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 20000	60.7	71.6	73.6	74.8	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 18000	60.7	71.6	73.6	74.8	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 16000	60.7	71.6	73.6	74.8	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 14000	60.7	71.6	73.6	74.8	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 12000	60.7	71.6	73.6	74.8	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 10000	60.7	71.6	73.6	74.8	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 9000	60.7	71.6	73.6	74.8	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 8000	61.9	72.9	74.8	76.1	76.8	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 7000	61.9	72.9	74.8	76.1	76.8	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 6000	61.9	72.9	74.8	76.1	76.8	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 5000	61.9	72.9	74.8	76.1	76.8	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 4500	62.6	74.2	76.1	77.4	78.1	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 4000	63.9	76.1	78.1	79.4	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 3500	63.9	76.1	78.1	79.4	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 3000	66.5	79.4	81.3	82.6	83.2	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 2500	66.5	80.0	81.9	83.2	83.9	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 2000	67.1	81.9	85.2	86.5	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 1800	67.1	81.9	85.2	86.5	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 1500	67.7	83.9	87.7	89.0	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1200	68.4	85.2	89.0	90.3	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1000	68.4	85.8	89.7	91.0	91.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 900	68.4	86.5	90.3	91.6	92.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 800	69.0	87.1	91.0	92.3	93.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 700	69.0	87.1	91.6	92.9	94.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 600	69.0	88.4	93.6	94.8	96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 500	69.0	88.4	93.6	95.5	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 400	69.0	88.4	93.6	95.5	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 300	69.0	88.4	93.6	95.5	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 200	69.0	89.0	94.2	96.1	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 100	69.0	89.0	94.2	96.1	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
0	69.0	89.0	94.2	96.1	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | MAR (MONTH) | ALL (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	52.5	63.4	66.5	67.3	67.5	67.7	67.9	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 20000	54.4	66.1	69.5	70.3	71.1	71.5	72.0	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 18000	54.5	66.1	69.6	70.4	71.2	71.5	72.1	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 16000	54.7	66.3	69.8	70.6	71.4	71.7	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 14000	54.8	66.5	69.9	70.7	71.5	71.9	72.4	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 12000	55.0	66.8	70.2	71.1	71.9	72.2	72.7	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 10000	55.3	67.3	70.8	71.6	72.5	72.8	73.4	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 9000	55.4	67.5	71.0	71.8	72.7	73.0	73.6	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 8000	55.7	67.9	71.4	72.2	73.1	73.4	74.0	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 7000	56.3	68.6	72.1	72.9	73.8	74.1	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 6000	56.5	68.8	72.3	73.1	74.0	74.3	74.8	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 5000	57.1	69.4	72.9	73.8	74.7	75.0	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 4500	57.3	70.4	73.9	74.8	75.7	76.0	76.5	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 4000	58.2	71.9	75.5	76.4	77.3	77.6	78.2	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 3500	59.0	73.0	76.5	77.5	78.4	78.7	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 3000	60.6	75.3	79.0	80.0	80.9	81.2	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 2500	61.1	76.5	80.2	81.5	82.3	82.7	83.2	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 2000	62.1	78.8	83.0	84.4	85.6	86.1	86.6	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 1800	62.2	79.0	83.2	84.8	85.9	86.5	87.0	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 1500	62.8	80.8	85.7	87.8	89.3	89.8	90.5	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 1200	63.0	81.3	86.6	88.7	90.3	90.9	91.5	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1000	63.0	81.9	87.7	90.0	91.9	92.6	93.3	93.6	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 900	63.1	82.1	87.8	90.2	92.1	92.8	93.6	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 800	63.3	82.6	88.5	90.9	93.0	93.7	94.5	95.0	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 700	63.4	82.7	88.9	91.3	93.4	94.2	95.0	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 600	63.5	83.1	89.4	91.9	94.0	94.8	95.8	96.4	96.4	96.5	96.7	96.7	96.8	96.8	96.8	96.8
≥ 500	63.5	83.2	89.6	92.2	94.4	95.2	96.4	96.9	97.0	97.3	97.5	97.5	97.6	97.6	97.6	97.6
≥ 400	63.5	83.2	89.7	92.3	94.6	95.5	96.8	97.4	97.5	97.7	98.0	98.0	98.2	98.2	98.2	98.2
≥ 300	63.5	83.3	89.8	92.3	94.7	95.6	96.9	97.6	97.7	98.0	98.2	98.2	98.6	98.6	98.6	98.6
≥ 200	63.5	83.4	89.8	92.4	94.8	95.8	97.4	98.1	98.2	98.5	98.7	98.7	99.0	99.0	99.3	99.3
≥ 100	63.5	83.4	89.8	92.4	94.9	95.9	97.5	98.2	98.2	98.6	98.8	98.8	99.1	99.1	99.4	99.4
0	63.5	83.4	89.8	92.4	94.9	95.9	97.5	98.2	98.2	98.6	98.8	98.8	99.1	99.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 1240

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | APR (MONTH) | 01 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	36.7	61.3	65.3	67.3	69.3	69.3	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.7
≥ 20000	36.7	61.3	65.3	67.3	69.3	69.3	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.7
≥ 18000	36.7	61.3	65.3	67.3	69.3	69.3	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.7
≥ 16000	36.7	61.3	65.3	67.3	69.3	69.3	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.7
≥ 14000	37.3	62.0	66.0	68.0	70.0	70.0	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	71.3
≥ 12000	37.3	62.0	66.0	68.0	70.0	70.0	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	71.3
≥ 10000	37.3	62.0	66.0	68.0	70.0	70.0	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	71.3
≥ 9000	37.3	62.0	66.0	68.0	70.0	70.0	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	71.3
≥ 8000	37.3	62.0	66.0	68.0	70.0	70.0	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	71.3
≥ 7000	37.3	62.0	66.0	68.0	70.0	70.0	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	71.3
≥ 6000	38.0	62.7	66.7	68.7	70.7	70.7	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	72.0
≥ 5000	38.7	63.3	67.3	69.3	71.3	71.3	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.7
≥ 4500	38.7	63.3	67.3	69.3	71.3	71.3	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.7
≥ 4000	38.7	64.7	68.7	70.7	72.7	72.7	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	74.0
≥ 3500	38.7	64.7	68.7	70.7	72.7	72.7	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	74.0
≥ 3000	38.7	64.7	68.7	70.7	72.7	72.7	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	74.0
≥ 2500	39.3	66.7	71.3	73.3	75.3	75.3	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.7
≥ 2000	40.7	70.0	74.7	76.7	78.7	78.7	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	80.0
≥ 1800	40.7	70.0	74.7	76.7	78.7	78.7	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	80.0
≥ 1500	41.3	71.3	76.7	79.3	81.3	81.3	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.7
≥ 1200	41.3	73.3	78.7	81.3	83.3	83.3	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.7
≥ 1000	41.3	74.7	80.0	82.7	84.7	84.7	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	86.0
≥ 900	41.3	74.7	80.0	82.7	84.7	84.7	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	86.0
≥ 800	41.3	74.7	80.7	83.3	86.0	86.0	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	87.3
≥ 700	41.3	75.3	82.7	85.3	88.0	88.0	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	89.3
≥ 600	41.3	75.3	82.7	85.3	88.0	88.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	90.0
≥ 500	41.3	76.0	83.3	86.0	90.0	90.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	92.0
≥ 400	41.3	76.0	83.3	86.0	91.3	91.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	93.3
≥ 300	41.3	76.0	84.0	86.7	92.0	92.0	94.0	94.7	94.7	95.3	95.3	95.3	95.3	95.3	95.3	96.0
≥ 200	41.3	76.0	84.0	86.7	92.0	92.0	94.0	94.7	94.7	96.0	97.3	97.3	97.3	97.3	97.3	98.0
≥ 100	41.3	76.0	84.0	86.7	92.0	92.0	94.0	94.7	94.7	96.0	97.3	97.3	97.3	97.3	97.3	98.0
0	41.3	76.0	84.0	86.7	92.0	92.0	94.0	94.7	94.7	96.0	97.3	97.3	98.0	98.0	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

04 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	32.7	54.0	58.0	62.0	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	64.0
≥ 20000	33.3	55.3	59.3	63.3	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	65.3
≥ 18000	33.3	55.3	59.3	63.3	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	65.3
≥ 16000	33.3	55.3	59.3	63.3	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	65.3
≥ 14000	33.3	55.3	59.3	63.3	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	65.3
≥ 12000	33.3	55.3	59.3	63.3	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	65.3
≥ 10000	33.3	55.3	59.3	63.3	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	65.3
≥ 9000	33.3	55.3	59.3	63.3	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	65.3
≥ 8000	34.0	56.0	60.0	64.0	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	66.0
≥ 7000	34.0	56.0	60.0	64.0	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	66.0
≥ 6000	34.7	56.7	60.7	64.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.7
≥ 5000	35.3	57.3	61.3	65.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	67.3
≥ 4500	36.0	58.7	62.7	66.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.7
≥ 4000	36.0	59.3	63.3	67.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	69.3
≥ 3500	36.0	59.3	63.3	67.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	69.3
≥ 3000	36.7	60.0	64.0	68.0	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	70.0
≥ 2500	37.3	62.7	66.7	70.7	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.7
≥ 2000	38.0	66.0	70.7	75.3	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	77.3
≥ 1800	38.0	66.7	71.3	76.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	78.0
≥ 1500	38.7	70.7	76.7	81.3	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	83.3
≥ 1200	38.7	71.3	78.7	83.3	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	85.3
≥ 1000	39.3	72.7	80.0	85.3	86.7	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	88.0
≥ 900	39.3	72.7	80.0	85.3	86.7	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	88.0
≥ 800	39.3	72.7	80.0	86.0	87.3	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.7
≥ 700	40.0	73.3	81.3	87.3	88.7	89.3	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.7
≥ 600	40.0	73.3	81.3	87.3	88.7	89.3	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.7
≥ 500	40.0	73.3	81.3	87.3	89.3	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	92.0
≥ 400	40.0	73.3	81.3	87.3	89.3	90.7	91.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.7
≥ 300	40.0	73.3	81.3	87.3	90.0	91.3	93.3	94.7	94.7	95.3	95.3	95.3	95.3	95.3	96.0	96.7
≥ 200	40.0	73.3	81.3	87.3	90.0	91.3	93.3	94.7	94.7	95.3	95.3	95.3	95.3	95.3	96.0	96.7
≥ 100	40.0	73.3	81.3	87.3	90.0	91.3	93.3	94.7	94.7	95.3	95.3	95.3	96.0	96.0	96.7	98.0
0	40.0	73.3	81.3	87.3	90.0	91.3	93.3	94.7	94.7	95.3	95.3	95.3	96.0	96.0	97.3	100.0

TOTAL NUMBER OF OBSERVATIONS 150

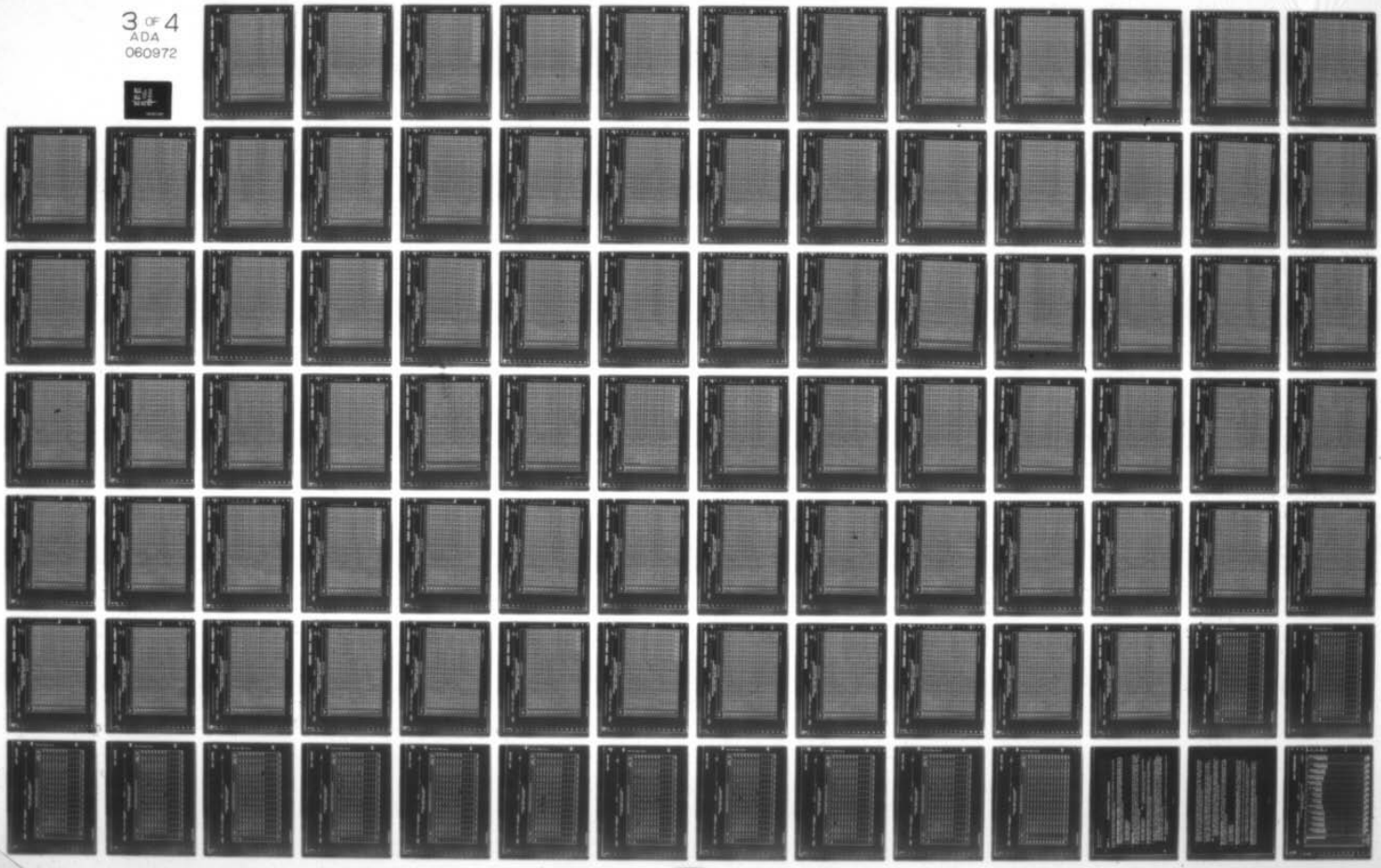
DIRNAVOCEANMET SMOS

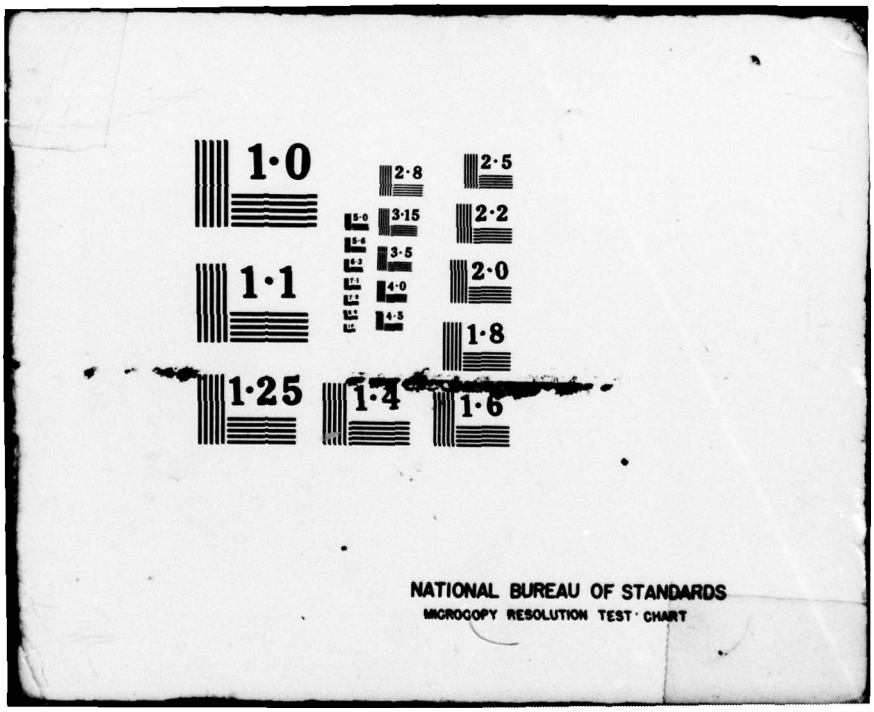
5703 CEILING VERSUS VISIBILITY JAN 78

AD-A060 972 NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE N C F/G 4/2
SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE (SMOS) POINT MU--ETC(U)
JUL 78

UNCLASSIFIED NL

3 OF 4
ADA
060972




1·0
1·1
1·25
2·8
3·15
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1·8
1·6
NATIONAL BUREAU OF STANDARDS
MICROCOPY RESOLUTION TEST CHART

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | APR (MONTH) | 07 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	33.3	45.3	52.7	56.7	57.3	57.3	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.7
≥ 20000	34.7	48.0	56.0	60.0	60.7	60.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	62.0
IV IV 18000	34.7	48.0	56.0	60.0	60.7	60.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	62.0
IV IV 16000	34.7	48.0	56.0	60.0	60.7	60.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	62.0
IV IV 14000	35.3	48.7	56.7	60.7	61.3	61.3	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	63.3
IV IV 12000	35.3	49.3	57.3	61.3	62.0	62.0	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	64.0
IV IV 10000	35.3	50.0	58.0	62.0	62.7	62.7	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.7
IV 9000	36.7	51.3	59.3	63.3	64.0	64.0	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	66.0
IV IV 8000	36.7	51.3	59.3	63.3	64.0	64.0	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	66.0
IV 7000	36.7	51.3	59.3	63.3	64.0	64.0	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	66.0
IV IV 6000	36.7	51.3	59.3	63.3	64.0	64.0	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	66.0
IV 5000	36.7	51.3	60.0	64.0	64.7	64.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.7
IV IV 4500	36.7	51.3	60.0	64.0	64.7	64.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.7
IV 4000	36.7	51.3	60.0	64.0	64.7	64.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.7
IV IV 3500	36.7	52.0	60.7	64.7	65.3	65.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	67.3
IV 3000	38.0	53.3	63.3	67.3	68.0	68.0	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	70.0
IV IV 2500	38.0	54.7	64.7	68.7	69.3	69.3	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	71.3
IV 2000	39.3	58.0	68.7	73.3	74.0	74.0	75.3	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	77.3
IV IV 1800	39.3	58.7	70.7	75.3	76.0	76.0	77.3	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	79.3
IV 1500	40.0	60.7	73.3	78.7	80.7	80.7	82.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.7
IV IV 1200	40.7	62.7	75.3	80.7	82.7	82.7	84.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.7
IV 1000	40.7	62.7	75.3	80.7	83.3	84.0	86.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.7
IV IV 900	40.7	62.7	75.3	80.7	83.3	84.0	86.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.7
IV 800	40.7	62.7	75.3	80.7	83.3	85.3	88.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.7
IV IV 700	40.7	62.7	75.3	80.7	83.3	86.0	89.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	91.3
IV 600	40.7	62.7	75.3	80.7	83.3	86.0	90.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	92.0
IV IV 500	40.7	62.7	75.3	80.7	83.3	86.0	90.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	92.0
IV 400	40.7	62.7	75.3	80.7	83.3	86.0	90.7	92.7	92.7	93.3	93.3	93.3	93.3	93.3	93.3	94.0
IV IV 300	40.7	62.7	75.3	80.7	83.3	86.0	90.7	92.7	92.7	94.7	95.3	95.3	95.3	95.3	95.3	96.0
IV 200	40.7	62.7	75.3	80.7	83.3	86.0	90.7	92.7	92.7	94.7	96.0	96.0	96.0	96.0	96.0	97.3
IV IV 100	40.7	62.7	75.3	80.7	83.3	86.0	90.7	92.7	92.7	95.3	96.7	96.7	96.7	96.7	96.7	98.0
IV 0	40.7	62.7	75.3	80.7	83.3	86.0	90.7	92.7	92.7	95.3	96.7	96.7	96.7	96.7	96.7	100.0

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | APR (MONTH)

10 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	35.3	52.0	57.3	62.0	64.0	65.3	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 20000	37.3	55.3	61.3	66.0	68.0	70.0	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 18000	37.3	56.0	62.0	66.7	68.7	70.7	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 16000	37.3	56.0	62.0	66.7	68.7	70.7	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 14000	37.3	56.0	62.0	66.7	68.7	70.7	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 12000	37.3	56.0	62.0	66.7	68.7	70.7	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 10000	37.3	56.0	62.7	67.3	69.3	71.3	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 9000	37.3	56.0	62.7	67.3	69.3	71.3	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 8000	37.3	56.0	62.7	67.3	69.3	71.3	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 7000	37.3	56.0	63.3	68.0	70.0	72.0	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 6000	38.0	56.7	64.0	68.7	70.7	72.7	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 5000	38.0	56.7	64.0	68.7	70.7	72.7	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 4500	38.0	56.7	64.0	68.7	70.7	72.7	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 4000	38.7	58.0	66.0	70.7	72.7	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 3500	38.7	58.0	66.0	70.7	72.7	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 3000	38.7	59.3	67.3	72.0	74.0	76.0	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 2500	40.7	62.0	72.0	76.7	79.3	81.3	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 2000	41.3	63.3	74.7	79.3	82.7	84.7	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 1800	41.3	64.0	76.7	81.3	84.7	86.7	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 1500	41.3	64.0	76.7	83.3	86.7	89.3	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1200	41.3	64.0	77.3	84.0	87.3	90.0	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1000	41.3	64.7	78.0	84.7	88.0	90.7	92.0	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 900	41.3	64.7	78.0	84.7	88.0	90.7	92.0	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 800	41.3	65.3	78.7	85.3	88.7	92.0	93.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 700	41.3	65.3	78.7	85.3	89.3	92.7	94.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 600	41.3	65.3	78.7	85.3	89.3	92.7	95.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 500	41.3	65.3	78.7	85.3	89.3	93.3	96.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 400	41.3	65.3	78.7	85.3	89.3	93.3	96.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 300	41.3	65.3	78.7	85.3	89.3	93.3	96.7	98.0	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 200	41.3	65.3	78.7	85.3	89.3	93.3	96.7	98.0	98.0	99.3	99.3	99.3	100.0	100.0	100.0	100.0
≥ 100	41.3	65.3	78.7	85.3	89.3	93.3	96.7	98.0	98.0	99.3	99.3	99.3	100.0	100.0	100.0	100.0
0	41.3	65.3	78.7	85.3	89.3	93.3	96.7	98.0	98.0	99.3	99.3	99.3	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | APR (MONTH)

13 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	40.7	61.3	68.0	72.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 20000	42.0	63.3	70.7	76.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 18000	42.0	63.3	70.7	76.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 16000	42.0	63.3	70.7	76.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 14000	42.0	63.3	70.7	76.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 12000	42.0	63.3	70.7	76.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 10000	42.7	65.3	72.7	78.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 9000	42.7	65.3	72.7	78.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 8000	42.7	65.3	72.7	78.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 7000	43.3	66.0	73.3	78.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 6000	44.7	67.3	74.7	80.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 5000	44.7	67.3	74.7	80.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 4500	45.3	68.0	75.3	80.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 4000	45.3	68.7	76.7	82.0	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 3500	45.3	68.7	76.7	82.0	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 3000	46.0	70.0	78.0	83.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 2500	46.0	70.0	78.0	83.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 2000	47.3	72.7	81.3	87.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1800	47.3	72.7	81.3	87.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1500	47.3	72.7	81.3	87.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1200	48.0	73.3	82.0	88.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1000	48.7	74.0	82.7	88.7	93.3	93.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 900	48.7	74.0	82.7	88.7	94.0	94.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 800	48.7	74.0	82.7	88.7	94.7	94.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 700	48.7	74.0	83.3	89.3	95.3	95.3	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 600	48.7	74.0	83.3	89.3	95.3	95.3	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 500	48.7	74.0	83.3	89.3	95.3	96.0	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400	48.7	74.0	83.3	89.3	96.0	96.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	48.7	74.0	83.3	89.3	96.0	96.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	48.7	74.0	83.3	89.3	96.0	96.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	48.7	74.0	83.3	89.3	96.0	96.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	48.7	74.0	83.3	89.3	96.0	96.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | APR (MONTH) | 16 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	42.0	65.3	72.0	77.3	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 20000	43.3	68.7	76.0	81.3	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 18000	43.3	68.7	76.0	81.3	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 16000	43.3	68.7	76.0	81.3	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 14000	44.0	69.3	76.7	82.0	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 12000	44.0	69.3	76.7	82.0	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 10000	44.7	70.0	77.3	82.7	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 9000	44.7	70.0	77.3	82.7	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 8000	44.7	70.0	77.3	82.7	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 7000	45.3	70.7	78.0	83.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 6000	45.3	70.7	78.0	83.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 5000	45.3	70.7	78.0	83.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 4500	46.0	72.0	80.0	85.3	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 4000	46.7	72.7	80.7	86.0	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 3500	46.7	72.7	80.7	86.0	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 3000	47.3	74.7	82.7	88.0	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 2500	47.3	74.7	82.7	88.0	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 2000	48.0	75.3	83.3	89.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1800	48.0	75.3	83.3	89.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1500	48.0	76.0	84.0	90.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1200	48.7	76.7	84.7	90.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1000	48.7	76.7	84.7	90.7	94.7	94.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 900	48.7	76.7	84.7	90.7	94.7	94.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 800	48.7	76.7	85.3	91.3	95.3	95.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 700	48.7	76.7	85.3	91.3	96.0	96.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 600	48.7	77.3	86.0	92.0	96.7	97.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	48.7	77.3	86.0	92.0	96.7	97.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	48.7	77.3	86.0	92.0	96.7	97.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	48.7	77.3	86.0	92.0	96.7	97.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200	48.7	77.3	86.0	92.0	96.7	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	48.7	77.3	86.0	92.0	96.7	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	48.7	77.3	86.0	92.0	96.7	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | APR (MONTH) | 19 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	38.0	56.0	65.3	68.0	70.7	70.7	71.3	71.3	71.3	71.3	71.3	71.3	72.0	72.0	72.0	72.0
≥ 20000	38.7	57.3	66.7	69.3	72.0	72.0	72.7	72.7	72.7	72.7	72.7	72.7	73.3	73.3	73.3	73.3
≥ 18000	38.7	57.3	66.7	69.3	72.0	72.0	72.7	72.7	72.7	72.7	72.7	72.7	73.3	73.3	73.3	73.3
≥ 16000	38.7	57.3	66.7	69.3	72.0	72.0	72.7	72.7	72.7	72.7	72.7	72.7	73.3	73.3	73.3	73.3
≥ 14000	39.3	58.0	67.3	70.0	72.7	72.7	73.3	73.3	73.3	73.3	73.3	73.3	74.0	74.0	74.0	74.0
≥ 12000	39.3	58.0	67.3	70.0	72.7	72.7	73.3	73.3	73.3	73.3	73.3	73.3	74.0	74.0	74.0	74.0
≥ 10000	40.0	59.3	68.7	71.3	74.0	74.0	74.7	74.7	74.7	74.7	74.7	74.7	75.3	75.3	75.3	75.3
≥ 9000	40.0	59.3	68.7	71.3	74.0	74.0	74.7	74.7	74.7	74.7	74.7	74.7	75.3	75.3	75.3	75.3
≥ 8000	40.0	59.3	68.7	71.3	74.0	74.0	74.7	74.7	74.7	74.7	74.7	74.7	75.3	75.3	75.3	75.3
≥ 7000	40.7	60.0	69.3	72.0	74.7	74.7	75.3	75.3	75.3	75.3	75.3	75.3	76.0	76.0	76.0	76.0
≥ 6000	41.3	61.3	70.7	73.3	76.0	76.0	76.7	76.7	76.7	76.7	76.7	76.7	77.3	77.3	77.3	77.3
≥ 5000	41.3	61.3	70.7	73.3	76.0	76.0	76.7	76.7	76.7	76.7	76.7	76.7	77.3	77.3	77.3	77.3
≥ 4500	42.0	62.0	71.3	74.0	76.7	76.7	77.3	77.3	77.3	77.3	77.3	77.3	78.0	78.0	78.0	78.0
≥ 4000	42.0	62.0	71.3	74.0	76.7	76.7	77.3	77.3	77.3	77.3	77.3	77.3	78.0	78.0	78.0	78.0
≥ 3500	42.0	62.0	71.3	74.0	76.7	76.7	77.3	77.3	77.3	77.3	77.3	77.3	78.0	78.0	78.0	78.0
≥ 3000	44.0	64.7	74.0	76.7	79.3	79.3	80.0	80.0	80.0	80.0	80.0	80.0	80.7	80.7	80.7	80.7
≥ 2500	45.3	66.7	76.0	78.7	81.3	81.3	82.0	82.0	82.0	82.0	82.0	82.0	82.7	82.7	82.7	82.7
≥ 2000	45.3	68.0	78.0	81.3	84.0	84.0	84.7	84.7	84.7	84.7	84.7	84.7	85.3	85.3	85.3	85.3
≥ 1800	46.0	68.7	78.7	82.0	84.7	84.7	85.3	85.3	85.3	85.3	85.3	85.3	86.0	86.0	86.0	86.0
≥ 1500	46.0	69.3	79.3	82.7	85.3	85.3	86.7	86.7	86.7	86.7	86.7	86.7	87.3	87.3	87.3	87.3
≥ 1200	46.0	70.0	80.0	83.3	86.0	86.0	87.3	87.3	87.3	87.3	87.3	87.3	88.0	88.0	88.0	88.0
≥ 1000	46.0	70.7	80.7	84.0	87.3	87.3	88.7	88.7	88.7	88.7	88.7	88.7	89.3	89.3	89.3	89.3
≥ 900	46.0	70.7	80.7	84.0	87.3	87.3	88.7	88.7	88.7	88.7	88.7	88.7	89.3	89.3	89.3	89.3
≥ 800	46.0	70.7	82.0	85.3	88.7	89.3	90.7	91.3	91.3	91.3	91.3	91.3	92.0	92.0	92.0	92.0
≥ 700	46.0	71.3	82.7	86.7	90.0	91.3	92.7	93.3	93.3	93.3	93.3	93.3	94.0	94.0	94.0	94.0
≥ 600	46.0	71.3	83.3	87.3	90.7	92.0	93.3	94.0	94.0	94.0	94.0	94.0	94.7	94.7	94.7	94.7
≥ 500	46.0	72.0	84.0	88.7	92.0	93.3	94.7	95.3	95.3	95.3	95.3	95.3	96.0	96.0	96.0	96.0
≥ 400	46.0	72.0	84.0	88.7	92.7	94.0	95.3	96.7	96.7	96.7	96.7	96.7	97.3	97.3	97.3	97.3
≥ 300	46.0	72.0	84.7	90.0	94.0	95.3	96.7	98.0	98.0	98.0	98.0	98.0	98.7	98.7	98.7	98.7
≥ 200	46.0	72.0	84.7	90.0	94.0	95.3	96.7	98.0	98.0	98.7	98.7	98.7	99.3	99.3	99.3	100.0
≥ 100	46.0	72.0	84.7	90.0	94.0	95.3	96.7	98.0	98.0	98.7	98.7	98.7	99.3	99.3	99.3	100.0
0	46.0	72.0	84.7	90.0	94.0	95.3	96.7	98.0	98.0	98.7	98.7	98.7	99.3	99.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

22 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	41.3	66.0	72.7	74.0	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	75.3	75.3
≥ 20000	41.3	66.7	73.3	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	76.0	76.0
≥ 18000	41.3	66.7	73.3	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	76.0	76.0
≥ 16000	41.3	66.7	73.3	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	76.0	76.0
≥ 14000	41.3	66.7	73.3	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	76.0	76.0
≥ 12000	41.3	66.7	73.3	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	76.0	76.0
≥ 10000	42.0	67.3	74.0	75.3	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.7	76.7
≥ 9000	42.0	67.3	74.0	75.3	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.7	76.7
≥ 8000	42.0	67.3	74.0	75.3	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.7	76.7
≥ 7000	42.0	67.3	74.0	75.3	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.7	76.7
≥ 6000	42.0	67.3	74.0	75.3	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.7	76.7
≥ 5000	42.7	68.0	74.7	76.0	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	77.3	77.3
≥ 4500	42.7	68.7	75.3	76.7	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	78.0	78.0
≥ 4000	42.7	68.7	75.3	76.7	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	78.0	78.0
≥ 3500	42.7	68.7	75.3	76.7	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	78.0	78.0
≥ 3000	43.3	70.0	76.7	78.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	79.3	79.3
≥ 2500	43.3	71.3	78.0	79.3	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.7	80.7
≥ 2000	43.3	72.7	79.3	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	82.0	82.0
≥ 1800	43.3	72.7	79.3	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	82.0	82.0
≥ 1500	44.0	74.0	80.7	82.7	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	84.0	84.0
≥ 1200	44.0	74.0	80.7	82.7	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	84.0	84.0
≥ 1000	44.7	75.3	82.0	84.0	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	85.3	85.3
≥ 900	44.7	75.3	82.7	84.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.7	86.7
≥ 800	44.7	75.3	82.7	84.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.7	86.7
≥ 700	45.3	78.7	87.3	89.3	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	92.0	92.0
≥ 600	45.3	78.7	87.3	89.3	90.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.7	92.7
≥ 500	45.3	79.3	88.0	90.0	91.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	93.3	93.3
≥ 400	45.3	79.3	88.0	90.7	92.7	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	96.0	96.0
≥ 300	45.3	79.3	88.0	90.7	92.7	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	96.0	96.0
≥ 200	45.3	79.3	88.0	90.7	92.7	94.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	97.3	97.3
≥ 100	45.3	79.3	88.0	90.7	92.7	94.7	96.0	96.0	96.0	96.7	98.0	98.0	98.0	98.0	99.3	99.3
0	45.3	79.3	88.0	90.7	92.7	94.7	96.0	96.0	96.0	96.7	98.0	98.0	98.0	98.0	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | APR (MONTH) | ALL (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	37.5	57.7	63.9	67.5	69.3	69.5	69.8	69.8	69.8	69.8	69.8	69.8	69.9	69.9	70.0	70.3
≥ 20000	38.4	59.5	66.1	69.8	71.6	71.8	72.2	72.2	72.2	72.2	72.2	72.2	72.3	72.3	72.3	72.6
≥ 18000	38.4	59.6	66.2	69.8	71.7	71.9	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.4	72.7
≥ 16000	38.4	59.6	66.2	69.8	71.7	71.9	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.4	72.7
≥ 14000	38.8	59.9	66.5	70.2	72.0	72.3	72.7	72.7	72.7	72.7	72.7	72.7	72.8	72.8	72.8	73.1
≥ 12000	38.8	60.0	66.6	70.3	72.2	72.4	72.8	72.8	72.8	72.8	72.8	72.8	72.9	72.9	73.0	73.3
≥ 10000	39.1	60.7	67.3	71.0	72.9	73.2	73.6	73.6	73.6	73.6	73.6	73.6	73.7	73.7	73.8	74.0
≥ 9000	39.3	60.8	67.5	71.2	73.1	73.3	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.9	74.2
≥ 8000	39.3	60.9	67.6	71.3	73.2	73.4	73.8	73.8	73.8	73.8	73.8	73.8	73.9	73.9	74.0	74.3
≥ 7000	39.6	61.2	67.9	71.6	73.5	73.8	74.2	74.2	74.2	74.2	74.2	74.2	74.3	74.3	74.3	74.6
≥ 6000	40.1	61.8	68.5	72.2	74.1	74.3	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.9	75.2
≥ 5000	40.3	62.0	68.8	72.5	74.4	74.7	75.1	75.1	75.1	75.1	75.1	75.1	75.2	75.2	75.3	75.5
≥ 4500	40.7	62.6	69.5	73.2	75.1	75.3	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.9	76.2
≥ 4000	40.8	63.2	70.3	73.9	75.8	76.1	76.5	76.5	76.5	76.5	76.5	76.5	76.6	76.6	76.7	76.9
≥ 3500	40.8	63.3	70.3	74.0	75.9	76.2	76.6	76.6	76.6	76.6	76.6	76.6	76.7	76.7	76.8	77.0
≥ 3000	41.6	64.6	71.8	75.5	77.4	77.7	78.1	78.1	78.1	78.1	78.1	78.1	78.2	78.2	78.3	78.5
≥ 2500	42.2	66.1	73.7	77.3	79.3	79.6	80.0	80.0	80.0	80.0	80.0	80.0	80.1	80.1	80.2	80.4
≥ 2000	42.9	68.3	76.3	80.4	82.5	82.8	83.2	83.3	83.3	83.3	83.3	83.3	83.4	83.4	83.5	83.8
≥ 1800	43.0	68.6	77.0	81.1	83.2	83.4	83.8	84.0	84.0	84.0	84.0	84.0	84.1	84.1	84.2	84.4
≥ 1500	43.3	69.8	78.6	83.2	85.6	85.9	86.5	86.7	86.7	86.7	86.7	86.7	86.8	86.8	86.8	87.1
≥ 1200	43.6	70.7	79.7	84.3	86.7	87.0	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.9	88.2
≥ 1000	43.8	71.4	80.4	85.1	87.8	88.3	89.5	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.9	90.2
≥ 900	43.8	71.4	80.5	85.2	88.1	88.6	89.8	90.0	90.0	90.0	90.0	90.0	90.1	90.1	90.2	90.4
≥ 800	43.8	71.5	80.9	85.7	88.8	89.6	90.8	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.4	91.7
≥ 700	44.0	72.2	82.1	86.9	90.2	91.3	92.7	93.2	93.2	93.2	93.2	93.2	93.3	93.3	93.3	93.6
≥ 600	44.0	72.3	82.3	87.1	90.3	91.6	93.3	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.9	94.2
≥ 500	44.0	72.5	82.5	87.4	90.9	92.4	94.3	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.9	95.2
≥ 400	44.0	72.5	82.5	87.5	91.4	93.0	95.1	95.8	95.8	95.9	95.9	95.9	96.0	96.0	96.1	96.3
≥ 300	44.0	72.5	82.7	87.8	91.8	93.3	95.7	96.6	96.6	97.1	97.2	97.2	97.3	97.3	97.4	97.7
≥ 200	44.0	72.5	82.7	87.8	91.8	93.4	95.8	96.8	96.8	97.5	97.8	97.8	98.0	98.0	98.3	98.7
≥ 100	44.0	72.5	82.7	87.8	91.8	93.4	95.8	96.8	96.8	97.7	98.2	98.2	98.4	98.4	98.7	99.2
0	44.0	72.5	82.7	87.8	91.8	93.4	95.8	96.8	96.8	97.7	98.2	98.2	98.5	98.5	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 1200

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | MAY (MONTH) | 01 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	19.4	46.5	50.3	54.2	55.5	56.1	56.1	56.1	56.1	56.1	56.8	56.8	56.8	56.8	56.8	56.8
≥ 20000	19.4	46.5	50.3	54.2	55.5	56.1	56.1	56.1	56.1	56.1	56.8	56.8	56.8	56.8	56.8	56.8
≥ 18000	19.4	46.5	50.3	54.2	55.5	56.1	56.1	56.1	56.1	56.1	56.8	56.8	56.8	56.8	56.8	56.8
≥ 16000	19.4	46.5	50.3	54.2	55.5	56.1	56.1	56.1	56.1	56.1	56.8	56.8	56.8	56.8	56.8	56.8
≥ 14000	19.4	46.5	50.3	54.2	55.5	56.1	56.1	56.1	56.1	56.1	56.8	56.8	56.8	56.8	56.8	56.8
≥ 12000	19.4	46.5	50.3	54.2	55.5	56.1	56.1	56.1	56.1	56.1	56.8	56.8	56.8	56.8	56.8	56.8
≥ 10000	19.4	46.5	50.3	54.2	55.5	56.1	56.1	56.1	56.1	56.1	56.8	56.8	56.8	56.8	56.8	56.8
≥ 9000	19.4	46.5	50.3	54.2	55.5	56.1	56.1	56.1	56.1	56.1	56.8	56.8	56.8	56.8	56.8	56.8
≥ 8000	20.0	47.1	51.0	54.8	56.1	56.8	56.8	56.8	56.8	56.8	57.4	57.4	57.4	57.4	57.4	57.4
≥ 7000	20.0	47.1	51.0	54.8	56.1	56.8	56.8	56.8	56.8	56.8	57.4	57.4	57.4	57.4	57.4	57.4
≥ 6000	20.0	47.1	51.0	54.8	56.1	56.8	56.8	56.8	56.8	56.8	57.4	57.4	57.4	57.4	57.4	57.4
≥ 5000	20.0	47.1	51.0	54.8	56.1	56.8	56.8	56.8	56.8	56.8	57.4	57.4	57.4	57.4	57.4	57.4
≥ 4500	20.7	48.4	52.3	56.1	57.4	58.1	58.1	58.1	58.1	58.1	58.7	58.7	58.7	58.7	58.7	58.7
≥ 4000	20.7	48.4	52.3	56.1	57.4	58.1	58.1	58.1	58.1	58.1	58.7	58.7	58.7	58.7	58.7	58.7
≥ 3500	20.7	49.0	52.9	56.8	58.1	58.7	58.7	58.7	58.7	58.7	59.4	59.4	59.4	59.4	59.4	59.4
≥ 3000	20.7	49.7	53.6	57.4	58.7	59.4	59.4	59.4	59.4	59.4	60.0	60.0	60.0	60.0	60.0	60.0
≥ 2500	21.3	50.3	54.2	58.1	59.4	60.0	60.0	60.0	60.0	60.0	60.7	60.7	60.7	60.7	60.7	60.7
≥ 2000	21.3	50.3	55.5	59.4	60.7	61.3	61.3	61.3	61.3	61.3	61.9	61.9	61.9	61.9	61.9	61.9
≥ 1800	21.3	50.3	55.5	59.4	60.7	61.3	61.3	61.3	61.3	61.3	61.9	61.9	61.9	61.9	61.9	61.9
≥ 1500	21.3	52.3	58.7	63.2	64.5	65.2	65.2	65.2	65.2	65.2	65.8	65.8	65.8	65.8	65.8	65.8
≥ 1200	21.3	53.6	60.0	64.5	65.8	66.5	66.5	66.5	66.5	66.5	67.1	67.1	67.1	67.1	67.1	67.1
≥ 1000	21.9	57.4	64.5	69.0	70.3	71.0	71.0	71.0	71.0	71.0	71.6	71.6	71.6	71.6	71.6	71.6
≥ 900	21.9	57.4	64.5	69.0	70.3	71.0	71.0	71.0	71.0	71.0	71.6	71.6	71.6	71.6	71.6	71.6
≥ 800	21.9	61.9	69.7	75.5	77.4	78.1	78.7	78.7	78.7	78.7	79.4	79.4	79.4	79.4	79.4	79.4
≥ 700	21.9	63.2	71.6	78.1	81.3	81.9	82.6	82.6	82.6	82.6	83.2	83.2	83.2	83.2	83.2	83.2
≥ 600	21.9	63.2	71.6	78.7	83.2	83.9	85.2	85.2	85.2	85.2	85.8	85.8	85.8	85.8	85.8	85.8
≥ 500	21.9	63.2	71.6	79.4	83.9	84.5	86.5	86.5	86.5	86.5	87.1	87.1	87.1	87.1	87.1	87.1
≥ 400	21.9	63.2	71.6	80.7	85.2	87.1	89.0	89.0	89.0	89.0	89.7	89.7	89.7	89.7	89.7	89.7
≥ 300	21.9	63.2	72.3	81.3	87.1	89.7	92.9	92.9	92.9	92.9	93.6	94.2	94.2	94.2	94.2	94.2
≥ 200	21.9	63.2	72.3	81.3	87.1	89.7	94.8	95.5	95.5	96.1	96.8	97.4	97.4	97.4	97.4	97.4
≥ 100	21.9	63.2	72.3	81.3	87.1	89.7	94.8	95.5	95.5	98.1	98.7	99.4	99.4	99.4	100.0	100.0
0	21.9	63.2	72.3	81.3	87.1	89.7	94.8	95.5	95.5	98.1	98.7	99.4	99.4	99.4	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | MAY (MONTH) | 04 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	16.1	33.6	38.1	40.0	42.6	42.6	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
≥ 20000	16.8	34.2	38.7	40.7	43.2	43.2	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
≥ 18000	16.8	34.2	38.7	40.7	43.2	43.2	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
≥ 16000	16.8	34.2	38.7	40.7	43.2	43.2	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
≥ 14000	16.8	34.2	38.7	40.7	43.2	43.2	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
≥ 12000	16.8	34.2	38.7	40.7	43.2	43.2	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
≥ 10000	16.8	34.2	38.7	40.7	43.2	43.2	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
≥ 9000	16.8	34.2	38.7	40.7	43.2	43.2	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
≥ 8000	17.4	34.8	39.4	41.3	43.9	43.9	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
≥ 7000	17.4	34.8	39.4	41.3	43.9	43.9	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
≥ 6000	17.4	34.8	39.4	41.3	43.9	43.9	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
≥ 5000	17.4	36.1	40.7	42.6	45.2	45.2	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 4500	17.4	36.1	40.7	42.6	45.2	45.2	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 4000	17.4	36.1	40.7	42.6	45.2	45.2	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 3500	17.4	36.1	40.7	42.6	45.2	45.2	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 3000	17.4	36.1	40.7	42.6	45.2	45.2	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 2500	18.1	36.8	41.9	43.9	46.5	46.5	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 2000	18.7	41.3	47.7	50.3	52.9	52.9	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 1800	18.7	41.9	48.4	51.0	53.6	53.6	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 1500	18.7	44.5	51.6	55.5	58.7	58.7	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 1200	20.0	46.5	54.2	58.1	61.3	61.3	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 1000	20.0	48.4	57.4	61.9	65.8	65.8	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 900	20.0	49.0	58.1	63.2	67.1	67.1	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 800	20.0	52.3	63.2	69.0	74.2	74.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 700	20.0	53.6	66.5	72.9	80.7	81.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 600	20.0	54.8	67.7	74.2	81.9	83.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 500	20.0	55.5	68.4	74.8	82.6	83.9	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 400	20.0	55.5	69.0	75.5	83.9	85.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 300	20.0	55.5	69.0	76.1	85.2	86.5	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 200	20.0	55.5	69.0	76.1	85.2	86.5	95.5	96.1	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 100	20.0	55.5	69.0	76.1	85.2	86.5	96.1	96.8	96.8	97.4	98.1	98.1	98.1	98.1	98.1	98.1
0	20.0	55.5	69.0	76.1	85.2	86.5	96.1	96.8	96.8	97.4	98.7	98.7	98.7	98.7	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | MAY (MONTH) | 07 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	11.0	19.4	24.5	27.7	29.7	30.3	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
≥ 20000	11.6	20.0	26.5	29.7	31.6	32.3	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6
≥ 18000	11.6	20.0	26.5	29.7	31.6	32.3	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6
≥ 16000	11.6	20.0	26.5	29.7	31.6	32.3	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6
≥ 14000	11.6	20.0	26.5	29.7	31.6	32.3	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6
≥ 12000	11.6	20.0	26.5	29.7	31.6	32.3	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6
≥ 10000	12.3	20.7	27.1	30.3	32.3	32.9	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
≥ 9000	12.3	20.7	27.1	30.3	32.3	32.9	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
≥ 8000	12.3	21.3	27.7	31.0	32.9	33.6	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
≥ 7000	12.3	21.3	27.7	31.0	32.9	33.6	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
≥ 6000	12.9	21.9	28.4	31.6	33.6	34.2	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
≥ 5000	12.9	21.9	28.4	31.6	33.6	34.2	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
≥ 4500	13.6	22.6	29.0	32.3	34.2	34.8	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
≥ 4000	13.6	22.6	29.0	32.3	34.2	34.8	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
≥ 3500	13.6	23.9	30.3	33.6	35.5	36.1	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
≥ 3000	14.8	25.2	31.6	35.5	38.1	38.7	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 2500	15.5	26.5	33.6	37.4	40.0	40.7	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
≥ 2000	16.8	29.0	38.7	43.9	47.7	49.7	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 1800	16.8	29.0	38.7	43.9	47.7	49.7	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 1500	16.8	31.0	41.9	48.4	52.9	58.1	59.4	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 1200	17.4	31.6	43.2	50.3	55.5	60.7	62.6	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 1000	17.4	32.9	45.8	53.6	58.7	65.8	67.7	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 900	17.4	32.9	45.8	53.6	60.0	67.7	69.7	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 800	17.4	32.9	45.8	54.8	62.6	71.6	76.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 700	17.4	32.9	45.8	54.8	62.6	75.5	81.3	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 600	17.4	32.9	45.8	56.1	64.5	78.1	83.9	86.5	86.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 500	17.4	32.9	45.8	56.1	64.5	79.4	85.8	88.4	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 400	17.4	32.9	45.8	56.1	64.5	80.0	88.4	91.0	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 300	17.4	32.9	45.8	56.8	65.8	81.3	89.7	93.6	93.6	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 200	17.4	32.9	45.8	56.8	65.8	81.3	89.7	93.6	93.6	96.1	96.8	96.8	96.8	96.8	97.4	97.4
≥ 100	17.4	32.9	45.8	56.8	65.8	81.3	89.7	93.6	93.6	96.1	96.8	96.8	96.8	96.8	98.1	98.7
0	17.4	32.9	45.8	56.8	65.8	81.3	89.7	93.6	93.6	96.1	96.8	96.8	96.8	96.8	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

10 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	14.2	33.6	36.8	39.4	42.6	43.9	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
≥ 20000	15.5	34.8	38.1	40.7	43.9	45.2	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 18000	15.5	34.8	38.1	40.7	43.9	45.2	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 16000	15.5	34.8	38.1	40.7	43.9	45.2	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 14000	16.8	36.1	39.4	41.9	45.2	46.5	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 12000	16.8	36.1	39.4	41.9	45.2	46.5	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 10000	17.4	36.8	40.0	42.6	45.8	47.1	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 9000	17.4	36.8	40.0	42.6	45.8	47.1	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 8000	18.1	37.4	40.7	43.2	46.5	47.7	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 7000	18.1	37.4	40.7	43.2	46.5	47.7	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 6000	18.1	37.4	40.7	43.2	46.5	47.7	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 5000	18.1	37.4	40.7	43.2	46.5	47.7	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 4500	18.1	38.1	41.3	43.9	47.1	48.4	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 4000	18.1	38.1	41.3	43.9	47.1	48.4	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 3500	18.7	38.7	41.9	44.5	47.7	49.0	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 3000	19.4	40.7	45.2	47.7	51.0	52.3	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 2500	19.4	40.7	46.5	49.0	52.3	53.6	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 2000	19.4	41.3	50.3	55.5	59.4	61.3	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 1800	19.4	42.6	51.6	57.4	62.6	64.5	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 1500	19.4	43.2	52.3	58.7	67.1	70.3	72.3	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 1200	19.4	43.9	53.6	60.0	69.0	73.6	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 1000	19.4	43.9	53.6	61.3	71.6	77.4	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 900	19.4	43.9	54.2	61.9	72.9	78.7	83.2	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 800	19.4	44.5	55.5	63.2	75.5	81.3	87.7	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 700	19.4	44.5	55.5	63.9	76.1	82.6	89.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 600	19.4	44.5	55.5	63.9	76.1	83.2	90.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 500	19.4	44.5	55.5	63.9	77.4	84.5	92.9	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 400	19.4	44.5	55.5	63.9	77.4	84.5	93.6	96.1	96.1	96.1	96.8	96.8	96.8	96.8	96.8	96.8
≥ 300	19.4	44.5	55.5	63.9	78.1	85.8	94.8	97.4	97.4	97.4	98.1	98.1	98.1	98.1	98.1	98.1
≥ 200	19.4	44.5	55.5	63.9	78.1	85.8	94.8	97.4	97.4	98.1	99.4	99.4	100.0	100.0	100.0	100.0
≥ 100	19.4	44.5	55.5	63.9	78.1	85.8	94.8	97.4	97.4	98.1	99.4	99.4	100.0	100.0	100.0	100.0
0	19.4	44.5	55.5	63.9	78.1	85.8	94.8	97.4	97.4	98.1	99.4	99.4	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | MAY (MONTH)

13 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	20.7	40.0	45.2	48.4	50.3	51.6	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 20000	22.6	42.6	49.0	52.3	54.2	55.5	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 18000	23.2	43.2	49.7	52.9	54.8	56.1	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 16000	23.2	43.2	49.7	52.9	54.8	56.1	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 14000	23.2	43.2	49.7	52.9	54.8	56.1	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 12000	23.2	43.2	49.7	52.9	54.8	56.1	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 10000	23.2	43.2	49.7	52.9	54.8	56.1	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 9000	23.2	43.2	49.7	52.9	54.8	56.1	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 8000	23.9	43.9	50.3	53.6	55.5	56.8	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 7000	23.9	43.9	50.3	53.6	55.5	56.8	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 6000	23.9	43.9	50.3	53.6	55.5	56.8	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 5000	23.9	44.5	51.0	54.2	56.1	57.4	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 4500	23.9	45.8	52.3	55.5	57.4	58.7	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 4000	24.5	46.5	52.9	56.1	58.1	59.4	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 3500	24.5	46.5	52.9	56.1	58.1	59.4	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 3000	24.5	47.1	54.8	59.4	61.3	62.6	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 2500	24.5	47.1	55.5	61.3	64.5	65.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 2000	24.5	47.7	58.1	65.2	69.0	70.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 1800	24.5	47.7	58.1	65.2	69.0	71.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 1500	24.5	49.7	61.9	69.7	75.5	78.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 1200	24.5	49.7	63.9	71.6	77.4	80.7	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 1000	24.5	50.3	64.5	72.9	79.4	83.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 900	24.5	50.3	64.5	72.9	81.3	85.8	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 800	24.5	50.3	65.2	74.2	83.2	87.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 700	24.5	50.3	65.8	75.5	85.2	90.3	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 600	24.5	50.3	65.8	76.1	85.8	91.6	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 500	24.5	50.3	65.8	76.1	86.5	92.3	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 400	24.5	50.3	65.8	76.1	87.1	92.9	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 300	24.5	50.3	65.8	76.1	87.1	92.9	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	24.5	50.3	65.8	76.1	87.1	92.9	98.1	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	24.5	50.3	65.8	76.1	87.1	92.9	98.1	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	24.5	50.3	65.8	76.1	87.1	92.9	98.1	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | MAY (MONTH) | 16 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	20.7	40.0	47.7	51.6	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 20000	25.8	45.2	53.6	58.1	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 18000	25.8	45.2	53.6	58.1	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 16000	25.8	45.2	53.6	58.1	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 14000	25.8	45.2	53.6	58.1	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 12000	25.8	45.2	53.6	58.1	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 10000	25.8	45.2	53.6	58.1	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 9000	25.8	45.2	53.6	58.1	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 8000	25.8	45.2	53.6	58.7	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 7000	25.8	45.2	53.6	58.7	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 6000	25.8	45.2	53.6	58.7	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 5000	25.8	45.2	53.6	58.7	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 4500	25.8	45.2	53.6	58.7	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 4000	25.8	45.2	54.2	59.4	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 3500	26.5	46.5	55.5	60.7	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 3000	27.1	47.7	58.1	63.9	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 2500	27.1	47.7	59.4	65.2	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 2000	27.1	49.7	62.6	69.7	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 1800	27.1	51.6	64.5	71.6	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 1500	27.7	53.6	67.7	74.8	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 1200	27.7	54.2	68.4	75.5	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 1000	27.7	54.8	71.6	79.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 900	27.7	54.8	72.3	80.0	86.5	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 800	27.7	55.5	72.9	80.7	87.1	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 700	27.7	56.8	74.2	81.9	89.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 600	27.7	56.8	74.2	81.9	89.7	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 500	27.7	56.8	74.8	82.6	91.0	93.6	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 400	28.4	57.4	75.5	83.2	92.3	95.5	95.5	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 300	28.4	57.4	75.5	83.2	92.3	96.1	96.1	98.1	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	28.4	57.4	75.5	83.2	92.3	96.1	96.1	98.1	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	28.4	57.4	75.5	83.2	92.3	96.1	96.1	98.1	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	28.4	57.4	75.5	83.2	92.3	96.1	96.1	98.1	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

19 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	19.4	44.5	48.4	56.8	57.4	57.4	58.1	58.7	58.7	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 20000	21.3	47.1	51.0	59.4	60.0	60.0	60.7	61.3	61.3	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 18000	21.3	47.1	51.0	59.4	60.0	60.0	60.7	61.3	61.3	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 16000	21.3	47.1	51.0	59.4	60.0	60.0	60.7	61.3	61.3	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 14000	21.9	48.4	52.3	60.7	61.3	61.3	61.9	62.6	62.6	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 12000	21.9	49.0	52.9	61.3	61.9	61.9	62.6	63.2	63.2	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 10000	21.9	49.0	52.9	61.3	61.9	61.9	62.6	63.2	63.2	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 9000	21.9	49.7	53.6	61.9	62.6	62.6	63.2	63.9	63.9	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 8000	22.6	50.3	54.2	62.6	63.2	63.2	63.9	64.5	64.5	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 7000	22.6	50.3	54.2	62.6	63.2	63.2	63.9	64.5	64.5	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 6000	23.2	51.0	54.8	63.2	63.9	63.9	64.5	65.2	65.2	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 5000	23.2	51.0	54.8	63.2	63.9	63.9	64.5	65.2	65.2	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 4500	23.2	51.6	55.5	63.9	64.5	64.5	65.2	65.8	65.8	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 4000	23.9	52.3	56.1	64.5	65.2	65.2	65.8	66.5	66.5	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 3500	23.9	52.3	56.1	64.5	65.2	65.2	65.8	66.5	66.5	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 3000	24.5	52.9	59.4	68.4	69.0	69.0	69.7	70.3	70.3	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 2500	25.2	53.6	60.0	69.0	69.7	69.7	70.3	71.0	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 2000	25.2	55.5	62.6	71.6	72.9	72.9	73.6	74.2	74.2	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 1800	25.2	56.1	63.9	72.9	74.2	74.2	74.8	75.5	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 1500	26.5	58.1	66.5	76.1	77.4	77.4	78.1	78.7	78.7	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 1200	26.5	58.7	67.1	76.8	78.1	78.1	78.7	79.4	79.4	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 1000	27.1	60.7	69.0	78.7	80.7	80.7	81.3	81.9	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 900	27.1	60.7	69.0	79.4	81.3	81.3	81.9	82.6	82.6	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 800	27.1	61.3	71.0	81.9	85.2	85.8	86.5	87.1	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 700	27.1	61.9	71.6	83.2	87.7	89.7	90.3	91.0	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 600	27.1	61.9	71.6	83.2	87.7	89.7	90.3	91.0	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 500	27.1	61.9	71.6	83.2	87.7	89.7	90.3	91.0	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 400	27.1	61.9	71.6	83.2	89.7	91.6	92.3	92.9	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 300	27.1	61.9	71.6	83.2	91.0	93.6	94.8	95.5	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 200	27.1	61.9	71.6	83.2	91.6	94.2	95.5	96.8	96.8	97.4	97.4	98.1	98.1	98.7	98.7	98.7
≥ 100	27.1	61.9	71.6	83.2	91.6	94.2	96.1	97.4	97.4	98.1	98.7	99.4	99.4	100.0	100.0	100.0
0	27.1	61.9	71.6	83.2	91.6	94.2	96.1	97.4	97.4	98.1	98.7	99.4	99.4	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

22 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	21.9	52.3	59.4	62.6	62.6	62.6	62.6	62.6	62.6	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 20000	23.2	54.2	61.3	64.5	64.5	64.5	64.5	64.5	64.5	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 18000	23.2	54.2	61.3	64.5	64.5	64.5	64.5	64.5	64.5	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 16000	23.2	54.2	61.3	64.5	64.5	64.5	64.5	64.5	64.5	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 14000	23.2	54.8	61.9	65.2	65.2	65.2	65.2	65.2	65.2	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 12000	23.9	55.5	62.6	65.8	65.8	65.8	65.8	65.8	65.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 10000	23.9	55.5	62.6	65.8	65.8	65.8	65.8	65.8	65.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 9000	24.5	56.8	63.9	67.1	67.1	67.1	67.1	67.1	67.1	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 8000	24.5	56.8	63.9	67.1	67.1	67.1	67.1	67.1	67.1	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 7000	24.5	56.8	63.9	67.1	67.1	67.1	67.1	67.1	67.1	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 6000	24.5	56.8	63.9	67.1	67.1	67.1	67.1	67.1	67.1	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 5000	24.5	56.8	63.9	67.1	67.1	67.1	67.1	67.1	67.1	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 4500	24.5	56.8	63.9	67.1	67.1	67.1	67.1	67.1	67.1	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 4000	24.5	56.8	63.9	67.1	67.1	67.1	67.1	67.1	67.1	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 3500	24.5	56.8	63.9	67.1	67.1	67.1	67.1	67.1	67.1	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 3000	25.2	58.1	65.8	69.0	69.0	69.0	69.0	69.0	69.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 2500	26.5	59.4	67.1	70.3	70.3	70.3	70.3	70.3	70.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 2000	26.5	61.3	69.7	72.9	72.9	72.9	72.9	72.9	72.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 1800	26.5	61.3	69.7	72.9	72.9	72.9	72.9	72.9	72.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 1500	27.1	63.2	72.3	76.1	76.1	76.1	76.1	76.1	76.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 1200	27.1	63.2	72.3	76.1	76.1	76.1	76.1	76.1	76.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 1000	27.7	65.2	74.8	78.7	79.4	79.4	79.4	79.4	79.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 900	27.7	65.8	75.5	79.4	80.0	80.0	80.0	80.0	80.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 800	27.7	67.7	78.7	82.6	83.2	83.2	83.2	83.2	83.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 700	27.7	68.4	80.0	86.5	87.7	87.7	88.4	88.4	88.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 600	27.7	68.4	80.0	86.5	87.7	88.4	89.0	89.0	89.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 500	27.7	69.0	80.7	87.7	89.0	89.7	90.3	90.3	90.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 400	27.7	69.0	80.7	87.7	91.0	91.6	92.9	92.9	92.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 300	27.7	69.0	81.3	88.4	91.6	92.3	94.2	94.2	94.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 200	27.7	69.0	81.3	88.4	91.6	92.3	94.8	94.8	94.8	96.8	96.8	96.8	97.4	97.4	97.4	97.4
≥ 100	27.7	69.0	81.3	88.4	91.6	92.3	94.8	95.5	95.5	97.4	97.4	97.4	98.7	98.7	99.4	99.4
0	27.7	69.0	81.3	88.4	91.6	92.3	94.8	96.1	96.1	98.1	98.1	98.1	99.4	99.4	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | MAY (MONTH) | ALL (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	17.9	38.7	43.8	47.6	49.5	50.0	50.6	50.7	50.7	50.9	51.0	51.0	51.0	51.0	51.0	51.0
≥ 20000	19.5	40.6	46.1	49.9	51.9	52.3	52.9	53.0	53.0	53.2	53.3	53.3	53.3	53.3	53.3	53.3
≥ 18000	19.6	40.7	46.1	50.0	51.9	52.4	53.0	53.1	53.1	53.3	53.4	53.4	53.4	53.4	53.4	53.4
≥ 16000	19.6	40.7	46.1	50.0	51.9	52.4	53.0	53.1	53.1	53.3	53.4	53.4	53.4	53.4	53.4	53.4
≥ 14000	19.8	41.1	46.5	50.4	52.3	52.8	53.4	53.5	53.5	53.7	53.8	53.8	53.8	53.8	53.8	53.8
≥ 12000	19.9	41.2	46.7	50.6	52.5	53.0	53.6	53.6	53.6	53.9	54.0	54.0	54.0	54.0	54.0	54.0
≥ 10000	20.1	41.4	46.9	50.7	52.7	53.2	53.7	53.8	53.8	54.0	54.1	54.1	54.1	54.1	54.1	54.1
≥ 9000	20.2	41.6	47.1	51.0	52.9	53.4	54.0	54.0	54.0	54.3	54.4	54.4	54.4	54.4	54.4	54.4
≥ 8000	20.6	42.1	47.6	51.5	53.5	54.0	54.5	54.6	54.6	54.8	54.9	54.9	54.9	54.9	54.9	54.9
≥ 7000	20.6	42.1	47.6	51.5	53.5	54.0	54.5	54.6	54.6	54.8	54.9	54.9	54.9	54.9	54.9	54.9
≥ 6000	20.7	42.3	47.7	51.7	53.6	54.1	54.7	54.8	54.8	55.0	55.1	55.1	55.1	55.1	55.1	55.1
≥ 5000	20.7	42.5	48.0	51.9	53.9	54.4	54.9	55.0	55.0	55.2	55.3	55.3	55.3	55.3	55.3	55.3
≥ 4500	20.9	43.1	48.6	52.5	54.4	54.9	55.5	55.6	55.6	55.8	55.9	55.9	55.9	55.9	55.9	55.9
≥ 4000	21.1	43.2	48.8	52.7	54.7	55.2	55.7	55.8	55.8	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 3500	21.2	43.7	49.3	53.2	55.2	55.7	56.2	56.3	56.3	56.5	56.6	56.6	56.6	56.6	56.6	56.6
≥ 3000	21.7	44.7	51.1	55.5	57.5	58.0	58.6	58.6	58.6	58.9	59.0	59.0	59.0	59.0	59.0	59.0
≥ 2500	22.2	45.2	52.3	56.8	59.0	59.4	60.0	60.1	60.1	60.3	60.4	60.4	60.4	60.4	60.4	60.4
≥ 2000	22.4	47.0	55.7	61.1	63.7	64.4	65.1	65.2	65.2	65.4	65.5	65.5	65.5	65.5	65.5	65.5
≥ 1800	22.4	47.6	56.3	61.8	64.6	65.4	66.1	66.1	66.1	66.4	66.5	66.5	66.5	66.5	66.5	66.5
≥ 1500	22.7	49.4	59.1	65.3	69.0	70.4	71.1	71.4	71.4	71.6	71.7	71.7	71.7	71.7	71.7	71.7
≥ 1200	23.0	50.2	60.3	66.6	70.5	72.2	73.1	73.3	73.3	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 1000	23.2	51.7	62.7	69.4	73.8	76.0	77.1	77.3	77.3	77.6	77.7	77.7	77.7	77.7	77.7	77.7
≥ 900	23.2	51.9	63.0	69.9	74.9	77.5	78.8	79.0	79.0	79.3	79.4	79.4	79.4	79.4	79.4	79.4
≥ 800	23.2	53.3	65.2	72.7	78.6	81.5	83.7	84.0	84.0	84.3	84.4	84.4	84.4	84.4	84.4	84.4
≥ 700	23.2	54.0	66.4	74.6	81.3	85.2	87.7	88.2	88.2	88.5	88.6	88.6	88.6	88.6	88.6	88.6
≥ 600	23.2	54.1	66.5	75.1	82.1	86.3	89.1	89.8	89.8	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 500	23.2	54.3	66.8	75.5	82.8	87.2	90.4	91.3	91.3	91.6	91.7	91.7	91.7	91.7	91.7	91.7
≥ 400	23.3	54.4	66.9	75.8	83.9	88.6	92.3	93.4	93.4	93.7	93.9	93.9	93.9	93.9	93.9	93.9
≥ 300	23.3	54.4	67.1	76.1	84.8	89.8	94.4	95.7	95.7	96.2	96.5	96.5	96.5	96.5	96.5	96.5
≥ 200	23.3	54.4	67.1	76.1	84.8	89.8	94.9	96.5	96.5	97.6	98.0	98.2	98.3	98.4	98.5	98.5
≥ 100	23.3	54.4	67.1	76.1	84.8	89.8	95.1	96.7	96.7	98.1	98.6	98.8	99.0	99.1	99.4	99.5
0	23.3	54.4	67.1	76.1	84.8	89.8	95.1	96.8	96.8	98.2	98.8	99.0	99.2	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 1240

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) POINT MUGU, CALIFORNIA (STATION NAME) 73-77 (YEARS) JUN (MONTH)

01 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	18.0	42.0	46.7	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.7	48.7	49.3	49.3
≥ 20000	18.0	42.0	46.7	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.7	48.7	49.3	49.3
≥ 18000	18.0	42.0	46.7	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.7	48.7	49.3	49.3
≥ 16000	18.0	42.0	46.7	48.0	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	49.3	49.3	50.0	50.0
≥ 14000	18.0	42.0	46.7	48.0	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	49.3	49.3	50.0	50.0
≥ 12000	18.0	42.0	46.7	48.0	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	49.3	49.3	50.0	50.0
≥ 10000	18.0	42.0	46.7	48.0	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	49.3	49.3	50.0	50.0
≥ 9000	18.0	42.0	46.7	48.0	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	49.3	49.3	50.0	50.0
≥ 8000	18.0	42.0	46.7	48.0	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	49.3	49.3	50.0	50.0
≥ 7000	18.0	42.0	46.7	48.0	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	49.3	49.3	50.0	50.0
≥ 6000	18.0	42.0	46.7	48.0	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	49.3	49.3	50.0	50.0
≥ 5000	18.0	42.0	46.7	48.0	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	49.3	49.3	50.0	50.0
≥ 4500	18.0	42.0	46.7	48.0	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	49.3	49.3	50.0	50.0
≥ 4000	18.0	42.0	46.7	48.0	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	49.3	49.3	50.0	50.0
≥ 3500	18.7	42.7	47.3	48.7	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	50.0	50.0	50.7	50.7
≥ 3000	19.3	44.0	48.7	50.0	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	51.3	51.3	52.0	52.0
≥ 2500	20.0	44.7	49.3	50.7	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	52.0	52.0	52.7	52.7
≥ 2000	20.7	46.0	50.7	52.0	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	53.3	53.3	54.0	54.0
≥ 1800	20.7	46.0	50.7	52.7	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	54.0	54.0	54.7	54.7
≥ 1500	20.7	49.3	54.0	56.0	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	57.3	57.3	58.0	58.0
≥ 1200	20.7	50.0	54.7	56.7	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	58.0	58.0	58.7	58.7
≥ 1000	22.0	51.3	57.3	59.3	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	61.3	61.3	62.0	62.0
≥ 900	22.0	52.0	58.7	60.7	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.7	62.7	63.3	63.3
≥ 800	22.0	52.7	60.7	62.7	65.3	65.3	66.0	66.0	66.0	66.0	66.0	66.0	66.7	66.7	67.3	67.3
≥ 700	22.0	55.3	64.7	69.3	74.0	74.0	75.3	75.3	75.3	76.0	76.0	76.0	76.7	76.7	77.3	77.3
≥ 600	22.0	56.0	66.0	71.3	76.7	76.7	78.0	78.0	78.0	78.7	78.7	78.7	79.3	79.3	80.0	80.0
≥ 500	22.0	56.0	66.0	72.0	80.7	80.7	82.0	82.7	82.7	83.3	83.3	83.3	84.0	84.0	84.7	84.7
≥ 400	22.0	56.0	66.0	72.0	82.7	83.3	85.3	86.0	86.0	86.7	86.7	86.7	87.3	87.3	88.0	88.0
≥ 300	22.0	56.0	66.0	72.0	82.7	84.7	87.3	88.7	88.7	89.3	89.3	89.3	90.0	90.0	90.7	90.7
≥ 200	22.0	56.0	66.0	72.0	83.3	85.3	89.3	91.3	91.3	92.7	92.7	92.7	93.3	93.3	94.0	94.0
≥ 100	22.0	56.0	66.0	72.0	83.3	85.3	90.7	92.7	93.3	95.3	95.3	95.3	96.0	96.0	97.3	98.0
0	22.0	56.0	66.0	72.0	83.3	85.3	90.7	92.7	93.3	95.3	95.3	95.3	96.0	96.0	97.3	100.0

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

04 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	13.3	31.3	36.0	38.0	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
≥ 20000	13.3	31.3	36.0	38.0	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
≥ 18000	13.3	31.3	36.0	38.0	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
≥ 16000	13.3	31.3	36.0	38.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 14000	13.3	31.3	36.0	38.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 12000	13.3	31.3	36.0	38.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 10000	13.3	31.3	36.0	38.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 9000	13.3	31.3	36.0	38.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 8000	13.3	31.3	36.0	38.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 7000	13.3	31.3	36.0	38.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 6000	13.3	31.3	36.0	38.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 5000	13.3	31.3	36.0	38.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 4500	13.3	31.3	36.0	38.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 4000	13.3	31.3	36.0	38.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 3500	13.3	31.3	36.0	38.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 3000	14.0	32.0	36.7	38.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
≥ 2500	14.7	32.7	37.3	39.3	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
≥ 2000	14.7	34.0	38.7	40.7	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
≥ 1800	14.7	34.7	39.3	42.0	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 1500	14.7	36.0	42.0	45.3	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 1200	14.7	38.0	44.0	47.3	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 1000	14.7	40.0	48.7	54.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 900	14.7	40.0	49.3	54.7	58.7	58.7	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 800	14.7	42.0	51.3	56.7	62.7	62.7	63.3	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 700	14.7	44.7	54.7	60.0	68.0	68.0	69.3	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 600	14.7	46.0	56.0	62.0	70.7	70.7	74.0	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 500	14.7	46.7	56.7	63.3	73.3	74.0	78.0	79.3	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 400	14.7	47.3	58.7	65.3	77.3	78.7	83.3	84.7	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 300	14.7	47.3	58.7	65.3	78.0	79.3	87.3	88.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 200	14.7	47.3	58.7	65.3	78.0	79.3	88.0	90.0	91.3	91.3	92.0	92.0	92.0	92.0	92.7	92.7
≥ 100	14.7	47.3	58.7	65.3	78.0	79.3	88.7	91.3	92.7	94.0	94.7	95.3	95.3	95.3	96.0	96.0
≥ 0	14.7	47.3	58.7	65.3	78.0	79.3	88.7	91.3	92.7	94.0	95.3	96.0	96.0	96.0	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | JUN (MONTH) | 07 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	13.3	22.7	26.7	31.3	31.3	32.7	32.7	32.7	32.7	34.0	34.0	34.0	34.0	34.0	34.0	34.0
≥ 20000	13.3	22.7	26.7	31.3	31.3	32.7	32.7	32.7	32.7	34.0	34.0	34.0	34.0	34.0	34.0	34.0
≥ 18000	13.3	22.7	26.7	31.3	31.3	32.7	32.7	32.7	32.7	34.0	34.0	34.0	34.0	34.0	34.0	34.0
≥ 16000	13.3	23.3	28.0	32.7	32.7	34.0	34.0	34.0	34.0	35.3	35.3	35.3	35.3	35.3	35.3	35.3
≥ 14000	13.3	23.3	28.0	32.7	32.7	34.0	34.0	34.0	34.0	35.3	35.3	35.3	35.3	35.3	35.3	35.3
≥ 12000	13.3	23.3	28.0	32.7	32.7	34.0	34.0	34.0	34.0	35.3	35.3	35.3	35.3	35.3	35.3	35.3
≥ 10000	13.3	23.3	28.0	32.7	32.7	34.0	34.0	34.0	34.0	35.3	35.3	35.3	35.3	35.3	35.3	35.3
≥ 9000	13.3	23.3	28.0	32.7	32.7	34.0	34.0	34.0	34.0	35.3	35.3	35.3	35.3	35.3	35.3	35.3
≥ 8000	13.3	23.3	28.0	32.7	32.7	34.0	34.0	34.0	34.0	35.3	35.3	35.3	35.3	35.3	35.3	35.3
≥ 7000	13.3	23.3	28.0	32.7	32.7	34.0	34.0	34.0	34.0	35.3	35.3	35.3	35.3	35.3	35.3	35.3
≥ 6000	13.3	23.3	28.0	32.7	32.7	34.0	34.0	34.0	34.0	35.3	35.3	35.3	35.3	35.3	35.3	35.3
≥ 5000	13.3	23.3	28.0	32.7	32.7	34.0	34.0	34.0	34.0	35.3	35.3	35.3	35.3	35.3	35.3	35.3
≥ 4500	13.3	23.3	28.0	32.7	32.7	34.0	34.0	34.0	34.0	35.3	35.3	35.3	35.3	35.3	35.3	35.3
≥ 4000	13.3	23.3	28.0	32.7	32.7	34.0	34.0	34.0	34.0	35.3	35.3	35.3	35.3	35.3	35.3	35.3
≥ 3500	13.3	23.3	28.0	32.7	32.7	34.0	34.0	34.0	34.0	35.3	35.3	35.3	35.3	35.3	35.3	35.3
≥ 3000	14.0	24.0	28.7	33.3	33.3	34.7	34.7	34.7	34.7	36.0	36.0	36.0	36.0	36.0	36.0	36.0
≥ 2500	14.7	24.7	30.0	34.7	34.7	36.0	36.0	36.0	36.0	37.3	37.3	37.3	37.3	37.3	37.3	37.3
≥ 2000	15.3	25.3	32.0	37.3	37.3	38.7	39.3	39.3	39.3	40.7	40.7	40.7	40.7	40.7	40.7	40.7
≥ 1800	15.3	25.3	32.0	37.3	37.3	38.7	39.3	39.3	39.3	40.7	40.7	40.7	40.7	40.7	40.7	40.7
≥ 1500	16.0	26.0	34.7	41.3	43.3	44.7	46.0	46.0	46.0	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 1200	16.7	28.0	38.0	45.3	48.7	50.0	51.3	51.3	51.3	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 1000	17.3	28.7	38.7	46.7	50.7	53.3	54.7	54.7	54.7	56.0	56.7	56.7	56.7	56.7	56.7	56.7
≥ 900	17.3	28.7	38.7	47.3	51.3	54.7	56.0	56.0	56.0	57.3	58.0	58.0	58.0	58.0	58.0	58.0
≥ 800	17.3	28.7	39.3	49.3	54.0	58.0	60.0	61.3	61.3	62.7	63.3	63.3	63.3	63.3	63.3	63.3
≥ 700	17.3	29.3	40.0	50.0	56.7	63.3	65.3	67.3	67.3	69.3	70.0	70.0	70.0	70.0	70.7	70.7
≥ 600	17.3	29.3	40.0	50.0	58.7	66.0	69.3	72.0	72.0	75.3	76.0	76.0	76.0	76.0	76.7	76.7
≥ 500	17.3	29.3	40.0	50.0	58.7	68.7	73.3	76.7	76.7	80.7	81.3	81.3	81.3	81.3	82.0	82.0
≥ 400	17.3	29.3	40.0	50.0	58.7	68.7	74.7	80.7	80.7	85.3	86.0	86.0	86.0	86.0	86.7	86.7
≥ 300	17.3	29.3	40.0	50.0	58.7	68.7	76.0	82.7	82.7	91.3	92.7	92.7	92.7	92.7	93.3	93.3
≥ 200	17.3	29.3	40.0	50.0	58.7	68.7	76.0	83.3	83.3	92.7	95.3	95.3	95.3	95.3	96.0	96.0
≥ 100	17.3	29.3	40.0	50.0	58.7	68.7	76.7	84.0	84.0	93.3	96.0	96.0	96.0	96.0	96.7	98.0
≥ 0	17.3	29.3	40.0	50.0	58.7	68.7	76.7	84.0	84.0	93.3	96.0	96.0	96.0	96.7	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

10 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	16.0	31.3	34.0	38.7	41.3	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 20000	16.0	31.3	34.0	38.7	42.0	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
≥ 18000	16.0	31.3	34.0	38.7	42.0	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
≥ 16000	16.7	32.7	35.3	40.0	43.3	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 14000	16.7	33.3	36.0	40.7	44.0	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 12000	16.7	33.3	36.0	40.7	44.0	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 10000	16.7	33.3	36.0	40.7	44.0	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 9000	16.7	33.3	36.0	40.7	44.0	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 8000	16.7	33.3	36.0	40.7	44.0	45.3	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 7000	16.7	33.3	36.0	40.7	44.0	45.3	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 6000	16.7	33.3	36.0	40.7	44.0	45.3	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 5000	16.7	33.3	36.0	40.7	44.0	45.3	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 4500	18.0	34.7	37.3	42.0	45.3	46.7	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 4000	18.0	34.7	37.3	42.0	45.3	46.7	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 3500	18.7	35.3	38.0	42.7	46.0	47.3	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 3000	19.3	36.0	38.7	43.3	46.7	48.0	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 2500	19.3	37.3	40.7	45.3	48.7	50.0	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 2000	19.3	38.0	42.7	49.3	54.0	55.3	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 1800	19.3	38.7	43.3	51.3	56.0	57.3	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 1500	20.0	39.3	44.7	53.3	59.3	60.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 1200	20.0	39.3	44.7	53.3	60.7	62.7	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 1000	20.0	40.0	45.3	56.0	64.7	69.3	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 900	20.0	40.0	45.3	56.0	65.3	70.0	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 800	20.0	40.0	46.0	57.3	68.0	74.0	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 700	20.0	40.0	46.0	58.0	69.3	76.7	82.7	82.7	82.7	82.7	83.3	83.3	83.3	83.3	83.3	83.3
≥ 600	20.0	40.0	46.0	58.7	70.7	78.7	85.3	85.3	85.3	85.3	86.0	86.0	86.0	86.0	86.0	86.0
≥ 500	20.0	40.0	46.0	58.7	70.7	82.0	90.7	90.7	90.7	91.3	92.0	92.0	92.0	92.0	92.0	92.0
≥ 400	20.0	40.0	46.0	58.7	70.7	82.7	92.0	92.7	92.7	94.0	94.7	94.7	94.7	94.7	94.7	94.7
≥ 300	20.0	40.0	46.0	58.7	70.7	83.3	93.3	94.0	94.0	96.7	98.0	98.0	98.0	98.0	98.0	98.0
≥ 200	20.0	40.0	46.0	58.7	70.7	83.3	93.3	94.7	94.7	97.3	98.7	98.7	98.7	98.7	99.3	99.3
≥ 100	20.0	40.0	46.0	58.7	70.7	83.3	93.3	94.7	94.7	97.3	98.7	98.7	99.3	99.3	100.0	100.0
0	20.0	40.0	46.0	58.7	70.7	83.3	93.3	94.7	94.7	97.3	98.7	98.7	99.3	99.3	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | JUN (MONTH) | 13 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	24.0	41.3	52.0	52.7	53.3	53.3	54.0	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 20000	24.0	42.7	53.3	54.0	54.7	54.7	56.0	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
M/V 18000	24.0	42.7	53.3	54.0	54.7	54.7	56.0	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
M/V 16000	24.0	42.7	53.3	54.0	55.3	55.3	56.7	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
M/V 14000	24.0	42.7	53.3	54.0	55.3	55.3	56.7	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
M/V 12000	24.0	42.7	53.3	54.0	55.3	55.3	56.7	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
M/V 10000	24.0	42.7	53.3	54.0	55.3	55.3	56.7	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
M/V 9000	24.0	42.7	53.3	54.0	55.3	55.3	56.7	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
M/V 8000	24.0	42.7	53.3	54.0	55.3	55.3	56.7	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
M/V 7000	24.0	42.7	53.3	54.0	55.3	55.3	56.7	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
M/V 6000	24.0	42.7	53.3	54.0	55.3	55.3	57.3	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
M/V 5000	24.0	42.7	53.3	54.0	55.3	55.3	57.3	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
M/V 4500	24.7	43.3	54.0	54.7	56.0	56.0	58.0	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
M/V 4000	24.7	43.3	54.0	54.7	56.0	56.0	58.0	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
M/V 3500	24.7	43.3	54.0	54.7	56.0	56.0	58.0	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
M/V 3000	24.7	43.3	54.0	54.7	56.0	56.0	58.0	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
M/V 2500	24.7	44.0	54.7	56.7	58.0	58.0	60.0	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
M/V 2000	25.3	44.7	56.0	58.7	60.0	60.0	62.0	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
M/V 1800	25.3	44.7	56.0	58.7	60.0	60.0	62.7	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
M/V 1500	25.3	44.7	57.3	60.0	61.3	62.0	66.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
M/V 1200	26.0	45.3	60.0	63.3	64.7	66.0	70.7	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
M/V 1000	26.0	46.7	66.0	72.0	74.7	76.7	82.7	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
M/V 900	26.0	46.7	66.0	72.7	75.3	77.3	84.0	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
M/V 800	26.0	46.7	66.0	73.3	76.7	79.3	86.7	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
M/V 700	26.0	46.7	66.7	74.0	79.3	82.7	90.0	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
M/V 600	26.0	46.7	66.7	74.7	80.0	83.3	91.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
M/V 500	26.0	46.7	66.7	74.7	80.7	84.0	92.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
M/V 400	26.0	46.7	66.7	75.3	82.7	86.0	94.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
M/V 300	26.0	46.7	66.7	75.3	83.3	88.0	96.7	98.0	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
M/V 200	26.0	46.7	66.7	76.0	84.0	88.7	97.3	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
M/V 100	26.0	46.7	66.7	76.0	84.0	88.7	97.3	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
M/V 0	26.0	46.7	66.7	76.0	84.0	88.7	97.3	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | JUN (MONTH) | 16 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	29.3	48.0	55.3	58.7	60.0	60.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 20000	29.3	48.0	56.7	60.0	62.0	62.7	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 18000	29.3	48.0	56.7	60.0	62.0	62.7	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 16000	29.3	48.0	56.7	60.0	62.0	62.7	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 14000	29.3	48.0	56.7	60.0	62.0	62.7	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 12000	29.3	48.0	56.7	60.0	62.0	62.7	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 10000	29.3	48.0	56.7	60.0	62.0	62.7	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 9000	29.3	48.0	56.7	60.0	62.0	62.7	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 8000	29.3	48.0	56.7	60.0	62.0	62.7	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 7000	29.3	48.0	56.7	60.0	62.0	62.7	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 6000	29.3	48.0	56.7	60.0	62.0	62.7	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 5000	29.3	48.0	56.7	60.0	62.0	62.7	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 4500	29.3	48.0	56.7	60.0	62.0	62.7	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 4000	29.3	48.0	56.7	60.0	62.0	62.7	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 3500	30.0	48.7	57.3	60.7	62.7	63.3	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 3000	30.0	48.7	57.3	60.7	62.7	63.3	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 2500	30.0	48.7	58.0	61.3	64.0	64.7	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 2000	30.7	49.3	59.3	62.7	65.3	66.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 1800	31.3	50.0	60.0	63.3	66.0	66.7	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 1500	32.0	50.7	62.7	66.7	71.3	72.7	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 1200	32.0	51.3	65.3	71.3	76.0	77.3	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 1000	32.0	52.7	68.7	75.3	81.3	82.7	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 900	32.0	53.3	69.3	76.0	82.7	84.0	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 800	32.0	54.0	70.0	76.7	84.0	85.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 700	32.0	55.3	72.0	78.7	86.7	88.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 600	32.0	55.3	72.7	80.7	88.7	92.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 500	32.0	55.3	72.7	80.7	88.7	92.0	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 400	32.0	55.3	72.7	80.7	90.0	94.0	96.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 300	32.0	55.3	72.7	80.7	90.0	94.0	97.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200	32.0	55.3	72.7	80.7	90.0	94.0	97.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 100	32.0	55.3	72.7	80.7	90.0	94.0	97.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
0	32.0	55.3	72.7	80.7	90.0	94.0	97.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | JUN (MONTH) | 19 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	32.0	52.7	58.0	62.0	63.3	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 20000	33.3	54.7	61.3	65.3	66.7	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
18000	33.3	54.7	61.3	65.3	66.7	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
16000	33.3	54.7	61.3	65.3	67.3	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
14000	33.3	54.7	61.3	66.0	68.0	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
12000	33.3	54.7	61.3	66.0	68.0	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
10000	33.3	54.7	61.3	66.0	68.0	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
9000	33.3	54.7	61.3	66.0	68.0	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
8000	33.3	54.7	61.3	66.0	68.0	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
7000	33.3	54.7	61.3	66.0	68.0	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
6000	33.3	54.7	61.3	66.0	68.0	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
5000	33.3	54.7	61.3	66.0	68.0	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
4500	33.3	54.7	61.3	66.0	68.0	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
4000	33.3	54.7	61.3	66.0	68.0	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
3500	33.3	54.7	61.3	66.0	68.0	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
3000	34.0	55.3	62.0	66.7	68.7	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
2500	34.0	55.3	62.0	66.7	68.7	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
2000	34.7	56.0	62.7	67.3	69.3	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
1800	34.7	56.0	62.7	67.3	69.3	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
1500	34.7	56.7	65.3	70.0	72.7	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
1200	34.7	56.7	66.0	70.7	73.3	74.0	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
1000	34.7	58.0	68.0	72.7	75.3	76.0	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
900	34.7	58.0	68.7	73.3	76.0	76.7	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
800	34.7	60.0	72.0	78.7	83.3	84.7	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
700	34.7	60.0	72.0	79.3	84.0	87.3	88.0	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
600	34.7	60.7	74.0	82.7	87.3	91.3	92.0	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
500	34.7	60.7	74.0	83.3	88.0	92.7	93.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
400	34.7	60.7	74.0	83.3	88.0	94.0	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
300	34.7	60.7	74.0	84.0	88.7	94.7	95.3	96.7	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3
200	34.7	60.7	74.0	84.7	89.3	95.3	96.0	98.0	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7
100	34.7	60.7	74.0	84.7	89.3	95.3	96.0	98.0	98.0	98.7	98.7	98.7	98.7	99.3	99.3	100.0
0	34.7	60.7	74.0	84.7	89.3	95.3	96.0	98.0	98.0	98.7	98.7	98.7	98.7	99.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

22 HOURS (L S T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	28.9	53.7	57.1	57.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 20000	28.9	53.7	57.1	57.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 18000	28.9	53.7	57.1	57.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 16000	29.5	54.4	57.7	58.4	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 14000	29.5	54.4	57.7	58.4	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 12000	29.5	54.4	57.7	58.4	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 10000	30.2	55.0	58.4	59.1	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 9000	30.2	55.0	58.4	59.1	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 8000	30.2	55.0	58.4	59.1	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 7000	30.2	55.0	58.4	59.1	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 6000	30.2	55.0	58.4	59.1	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 5000	30.2	55.0	58.4	59.1	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 4500	30.2	55.0	58.4	59.1	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 4000	30.2	55.0	58.4	59.1	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 3500	30.2	55.0	58.4	59.1	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 3000	30.9	55.7	59.1	59.7	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 2500	30.9	55.7	59.1	59.7	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 2000	30.9	58.4	61.7	62.4	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 1800	30.9	58.4	61.7	62.4	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 1500	31.5	59.1	62.4	63.8	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 1200	31.5	60.4	63.8	65.1	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 1000	31.5	61.1	65.1	67.1	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 900	32.2	62.4	67.1	69.1	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 800	32.9	65.1	71.1	73.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 700	32.9	65.1	73.8	78.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 600	32.9	65.8	75.8	81.2	85.2	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 500	32.9	65.8	75.8	83.2	88.6	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 400	32.9	65.8	75.8	83.2	88.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 300	32.9	65.8	75.8	83.2	88.6	91.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 200	32.9	65.8	75.8	83.9	89.9	92.6	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 100	32.9	65.8	75.8	83.9	89.9	92.6	95.3	95.3	95.3	96.0	96.0	96.6	96.6	96.6	96.6	97.3
≥ 0	32.9	65.8	75.8	83.9	89.9	92.6	95.3	95.3	95.3	96.6	97.3	98.0	98.0	98.0	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 149

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | JUN (MONTH) | ALL (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	21.9	40.4	45.7	48.4	49.5	50.0	50.2	50.3	50.3	50.5	50.5	50.5	50.5	50.5	50.6	50.6
≥ 20000	22.0	40.8	46.5	49.1	50.5	51.0	51.2	51.3	51.3	51.5	51.5	51.5	51.5	51.5	51.6	51.6
≥ 18000	22.0	40.8	46.5	49.1	50.5	51.0	51.2	51.3	51.3	51.5	51.5	51.5	51.5	51.5	51.6	51.6
≥ 16000	22.2	41.1	46.9	49.5	51.3	51.8	52.0	52.1	52.1	52.3	52.3	52.3	52.4	52.4	52.5	52.5
≥ 14000	22.2	41.2	47.0	49.7	51.5	52.0	52.2	52.3	52.3	52.5	52.5	52.5	52.5	52.5	52.6	52.6
≥ 12000	22.2	41.2	47.0	49.7	51.5	52.0	52.2	52.3	52.3	52.5	52.5	52.5	52.5	52.5	52.6	52.6
≥ 10000	22.3	41.3	47.0	49.8	51.5	52.0	52.3	52.4	52.4	52.5	52.5	52.5	52.6	52.6	52.7	52.7
≥ 9000	22.3	41.3	47.0	49.8	51.5	52.0	52.3	52.4	52.4	52.5	52.5	52.5	52.6	52.6	52.7	52.7
≥ 8000	22.3	41.3	47.0	49.8	51.5	52.0	52.4	52.5	52.5	52.6	52.6	52.6	52.7	52.7	52.8	52.8
≥ 7000	22.3	41.3	47.0	49.8	51.5	52.0	52.4	52.5	52.5	52.6	52.6	52.6	52.7	52.7	52.8	52.8
≥ 6000	22.3	41.3	47.0	49.8	51.5	52.0	52.5	52.5	52.5	52.7	52.7	52.7	52.8	52.8	52.9	52.9
≥ 5000	22.3	41.3	47.0	49.8	51.5	52.0	52.5	52.5	52.5	52.7	52.7	52.7	52.8	52.8	52.9	52.9
≥ 4500	22.5	41.5	47.3	50.0	51.8	52.3	52.7	52.8	52.8	53.0	53.0	53.0	53.0	53.0	53.1	53.1
≥ 4000	22.5	41.5	47.3	50.0	51.8	52.3	52.7	52.8	52.8	53.0	53.0	53.0	53.0	53.0	53.1	53.1
≥ 3500	22.8	41.8	47.5	50.3	52.0	52.5	53.0	53.0	53.0	53.2	53.2	53.2	53.3	53.3	53.4	53.4
≥ 3000	23.3	42.4	48.1	50.9	52.6	53.1	53.5	53.6	53.6	53.8	53.8	53.8	53.9	53.9	54.0	54.0
≥ 2500	23.5	42.9	48.9	51.8	53.7	54.2	54.6	54.7	54.7	54.9	54.9	54.9	55.0	55.0	55.1	55.1
≥ 2000	23.9	44.0	50.5	53.8	55.9	56.4	56.9	57.0	57.0	57.1	57.1	57.1	57.2	57.2	57.3	57.3
≥ 1800	24.0	44.2	50.7	54.4	56.5	57.0	57.6	57.6	57.6	57.8	57.8	57.8	57.9	57.9	58.0	58.0
≥ 1500	24.4	45.2	52.9	57.1	59.9	60.6	61.4	61.5	61.5	61.6	61.6	61.6	61.7	61.7	61.8	61.8
≥ 1200	24.5	46.1	54.6	59.1	62.3	63.1	64.1	64.2	64.2	64.4	64.4	64.4	64.5	64.5	64.6	64.6
≥ 1000	24.8	47.3	57.2	62.9	66.9	68.3	69.6	69.6	69.6	69.8	69.9	69.9	70.0	70.0	70.1	70.1
≥ 900	24.9	47.6	57.9	63.7	67.9	69.4	70.8	70.9	70.9	71.1	71.1	71.1	71.2	71.2	71.3	71.3
≥ 800	24.9	48.6	59.6	66.1	71.5	73.4	75.4	75.7	75.7	75.9	76.0	76.0	76.1	76.1	76.2	76.2
≥ 700	24.9	49.5	61.2	68.5	75.1	77.9	80.5	81.0	81.0	81.3	81.5	81.5	81.6	81.6	81.7	81.7
≥ 600	24.9	50.0	62.1	70.1	77.2	80.6	83.8	84.4	84.4	84.9	85.1	85.1	85.2	85.2	85.3	85.3
≥ 500	24.9	50.0	62.2	70.7	78.7	82.9	86.7	87.7	87.7	88.4	88.6	88.6	88.7	88.7	88.8	88.8
≥ 400	24.9	50.1	62.5	71.1	79.8	84.7	89.0	90.6	90.7	91.5	91.7	91.7	91.7	91.7	91.9	91.9
≥ 300	24.9	50.1	62.5	71.1	80.1	85.5	90.7	92.5	92.6	94.3	94.7	94.7	94.8	94.8	94.9	94.9
≥ 200	24.9	50.1	62.5	71.4	80.5	85.9	91.6	93.8	94.0	95.9	96.5	96.5	96.6	96.6	96.9	96.9
≥ 100	24.9	50.1	62.5	71.4	80.5	85.9	91.9	94.3	94.5	96.8	97.3	97.5	97.7	97.8	98.2	98.6
0	24.9	50.1	62.5	71.4	80.5	85.9	91.9	94.3	94.5	96.8	97.6	97.8	97.9	98.1	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 1199

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | JUL (MONTH) | 01 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	9.0	41.9	47.7	51.6	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 20000	9.0	41.9	47.7	51.6	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 18000	9.0	41.9	47.7	51.6	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 16000	9.0	41.9	47.7	51.6	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 14000	9.0	41.9	47.7	51.6	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 12000	9.0	43.2	49.0	52.9	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 10000	9.0	43.2	49.0	52.9	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 9000	9.0	43.2	49.0	52.9	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 8000	9.0	43.2	49.0	52.9	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 7000	9.0	43.2	49.0	52.9	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 6000	9.0	43.2	49.0	52.9	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 5000	9.0	43.2	49.0	52.9	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 4500	9.0	43.2	49.0	52.9	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 4000	9.0	43.2	49.0	52.9	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 3500	9.0	43.2	49.0	52.9	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 3000	9.0	43.2	49.0	52.9	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 2500	9.0	43.2	49.0	52.9	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 2000	9.0	43.9	49.7	53.6	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 1800	9.0	43.9	49.7	53.6	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 1500	9.0	45.2	51.0	54.8	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 1200	9.7	45.8	51.6	55.5	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 1000	10.3	48.4	56.1	60.7	63.2	63.2	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 900	10.3	48.4	57.4	62.6	65.2	65.2	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 800	10.3	51.6	61.9	68.4	71.0	71.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 700	11.0	53.6	65.2	73.6	76.1	76.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 400	11.0	54.2	67.7	76.8	81.3	81.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 500	11.0	54.8	69.0	78.1	82.6	83.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 400	11.0	54.8	69.7	79.4	87.1	87.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 300	11.0	54.8	69.7	79.4	87.7	89.7	92.9	92.9	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 200	11.0	54.8	69.7	80.0	88.4	90.3	94.8	94.8	94.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 100	11.0	54.8	69.7	80.0	88.4	90.3	94.8	95.5	95.5	98.1	98.1	98.1	98.1	98.1	98.7	98.7
0	11.0	54.8	69.7	80.0	88.4	90.3	94.8	95.5	95.5	98.1	98.1	98.1	98.1	98.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111	POINT MUGU, CALIFORNIA	73-77	JUL	04
STATION	STATION NAME	YEARS	MONTH	HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	3.9	20.7	26.5	33.6	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
≥ 20000	3.9	20.7	27.1	34.2	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
< 20000 ≥ 18000	3.9	20.7	27.1	34.2	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
< 18000 ≥ 16000	3.9	20.7	27.1	34.2	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
< 16000 ≥ 14000	3.9	20.7	27.1	34.2	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
< 14000 ≥ 12000	3.9	21.3	27.7	34.8	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
< 12000 ≥ 10000	3.9	21.3	27.7	35.5	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
< 10000 ≥ 9000	3.9	21.3	27.7	35.5	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
< 9000 ≥ 8000	3.9	21.3	27.7	35.5	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
< 8000 ≥ 7000	3.9	21.3	27.7	35.5	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
< 7000 ≥ 6000	3.9	21.3	27.7	35.5	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
< 6000 ≥ 5000	3.9	21.3	27.7	35.5	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
< 5000 ≥ 4500	3.9	21.3	27.7	35.5	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
< 4500 ≥ 4000	3.9	21.3	27.7	35.5	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
< 4000 ≥ 3500	3.9	21.3	27.7	35.5	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
< 3500 ≥ 3000	3.9	21.3	27.7	35.5	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
< 3000 ≥ 2500	3.9	21.3	27.7	35.5	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
< 2500 ≥ 2000	3.9	21.3	27.7	35.5	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
< 2000 ≥ 1800	3.9	21.3	27.7	35.5	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
< 1800 ≥ 1500	3.9	22.6	29.0	36.8	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
< 1500 ≥ 1200	4.5	24.5	32.9	40.7	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
< 1200 ≥ 1000	5.2	27.7	37.4	45.8	51.6	51.6	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
< 1000 ≥ 900	5.2	27.7	38.7	47.1	53.6	53.6	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
< 900 ≥ 800	5.8	33.6	45.2	55.5	62.6	63.2	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
< 800 ≥ 700	5.8	34.2	47.7	58.7	69.0	70.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
< 700 ≥ 600	6.5	34.8	49.0	60.0	71.6	72.9	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
< 600 ≥ 500	7.1	35.5	50.3	61.3	74.2	75.5	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
< 500 ≥ 400	7.1	35.5	51.0	63.2	78.1	79.4	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
< 400 ≥ 300	7.1	35.5	51.0	63.2	78.7	80.7	87.7	88.4	88.4	89.0	89.0	89.0	89.0	89.0	89.7	89.7
< 300 ≥ 200	7.1	35.5	51.6	63.9	79.4	81.3	89.7	91.0	91.0	91.6	91.6	91.6	92.9	92.9	93.6	93.6
< 200 ≥ 100	7.1	35.5	52.3	64.5	80.0	81.9	90.3	91.6	91.6	94.2	94.8	94.8	96.8	96.8	97.4	97.4
< 100 0	7.1	35.5	52.3	64.5	80.0	81.9	90.3	91.6	91.6	94.2	94.8	94.8	97.4	98.1	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | JUL (MONTH) | 07 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	1.9	11.6	17.4	20.7	24.5	24.5	25.2	25.2	25.2	27.1	27.7	27.7	27.7	27.7	27.7	27.7
≥ 20000	1.9	11.6	17.4	20.7	24.5	24.5	25.2	25.2	25.2	27.1	27.7	27.7	27.7	27.7	27.7	27.7
< 18000	1.9	11.6	17.4	20.7	24.5	24.5	25.2	25.2	25.2	27.1	27.7	27.7	27.7	27.7	27.7	27.7
≥ 16000	1.9	11.6	17.4	20.7	24.5	24.5	25.2	25.2	25.2	27.1	27.7	27.7	27.7	27.7	27.7	27.7
< 14000	1.9	12.3	18.7	21.9	25.8	25.8	26.5	26.5	26.5	28.4	29.0	29.0	29.0	29.0	29.0	29.0
≥ 12000	1.9	12.3	18.7	21.9	25.8	25.8	26.5	26.5	26.5	28.4	29.0	29.0	29.0	29.0	29.0	29.0
< 10000	1.9	12.3	18.7	21.9	25.8	25.8	26.5	26.5	26.5	28.4	29.0	29.0	29.0	29.0	29.0	29.0
≥ 9000	1.9	12.3	18.7	21.9	25.8	25.8	26.5	26.5	26.5	28.4	29.0	29.0	29.0	29.0	29.0	29.0
< 8000	1.9	12.3	18.7	21.9	25.8	25.8	26.5	26.5	26.5	28.4	29.0	29.0	29.0	29.0	29.0	29.0
≥ 7000	1.9	12.3	18.7	21.9	25.8	25.8	26.5	26.5	26.5	28.4	29.0	29.0	29.0	29.0	29.0	29.0
< 6000	1.9	12.3	18.7	21.9	26.5	26.5	27.1	27.1	27.1	29.0	29.7	29.7	29.7	29.7	29.7	29.7
≥ 5000	1.9	12.3	18.7	21.9	26.5	26.5	27.1	27.1	27.1	29.0	29.7	29.7	29.7	29.7	29.7	29.7
< 4500	1.9	12.3	18.7	21.9	26.5	26.5	27.1	27.1	27.1	29.0	29.7	29.7	29.7	29.7	29.7	29.7
≥ 4000	1.9	12.3	18.7	21.9	26.5	26.5	27.1	27.1	27.1	29.0	29.7	29.7	29.7	29.7	29.7	29.7
< 3500	1.9	12.3	18.7	21.9	26.5	26.5	27.1	27.1	27.1	29.0	29.7	29.7	29.7	29.7	29.7	29.7
≥ 3000	1.9	12.3	18.7	21.9	26.5	26.5	27.1	27.1	27.1	29.0	29.7	29.7	29.7	29.7	29.7	29.7
< 2500	1.9	12.3	18.7	21.9	26.5	26.5	27.1	27.1	27.1	29.0	29.7	29.7	29.7	29.7	29.7	29.7
≥ 2000	1.9	12.3	19.4	23.2	27.7	27.7	28.4	28.4	28.4	30.3	31.0	31.0	31.0	31.0	31.0	31.0
< 1800	1.9	12.3	20.0	24.5	29.0	29.0	29.7	29.7	29.7	31.6	32.3	32.3	32.3	32.3	32.3	32.3
≥ 1500	1.9	15.5	23.2	29.7	34.2	34.8	36.8	36.8	36.8	38.7	39.4	39.4	39.4	39.4	39.4	39.4
< 1200	1.9	16.1	24.5	31.6	37.4	38.1	40.7	40.7	40.7	42.6	43.2	43.2	43.2	43.2	43.2	43.2
≥ 1000	1.9	17.4	26.5	36.1	42.6	43.9	47.1	47.7	47.7	49.7	50.3	50.3	50.3	50.3	50.3	50.3
< 900	1.9	17.4	26.5	36.1	43.2	44.5	47.7	48.4	48.4	50.3	51.0	51.0	51.0	51.0	51.0	51.0
≥ 800	2.6	18.1	28.4	39.4	49.0	52.9	56.8	58.1	58.1	60.0	60.7	60.7	60.7	60.7	60.7	60.7
< 700	2.6	18.1	29.0	42.6	52.3	57.4	63.2	64.5	64.5	67.1	67.7	67.7	67.7	67.7	67.7	67.7
≥ 600	2.6	18.1	29.0	43.2	54.8	60.0	67.7	69.0	69.0	71.6	72.3	72.3	72.9	72.9	72.9	72.9
< 500	2.6	18.1	29.0	43.2	55.5	61.3	70.3	72.3	72.3	75.5	76.1	76.1	76.8	76.8	76.8	76.8
≥ 400	2.6	18.1	29.0	43.2	56.1	62.6	72.3	74.8	74.8	81.3	81.9	81.9	82.6	82.6	82.6	82.6
< 300	2.6	18.1	29.0	43.2	56.8	63.2	74.8	79.4	79.4	87.7	88.4	88.4	89.0	89.0	89.0	89.0
≥ 200	2.6	18.1	29.0	43.2	56.8	63.2	74.8	79.4	79.4	90.3	92.9	92.9	94.8	95.5	96.1	96.1
< 100	2.6	18.1	29.0	43.2	56.8	63.2	74.8	79.4	79.4	91.6	94.8	94.8	96.8	98.1	98.7	98.7
0	2.6	18.1	29.0	43.2	56.8	63.2	74.8	79.4	79.4	91.6	94.8	94.8	97.4	98.7	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | JUL (MONTH) | 10 (HOURS (L S T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	3.9	19.4	28.4	36.1	40.0	41.9	42.6	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
≥ 20000	3.9	20.0	29.0	36.8	40.7	42.6	43.2	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
≥ 18000	3.9	20.0	29.0	36.8	40.7	42.6	43.2	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
≥ 16000	3.9	20.0	29.0	36.8	40.7	42.6	43.2	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
≥ 14000	3.9	20.0	29.0	36.8	41.3	43.2	43.9	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
≥ 12000	3.9	20.7	29.7	37.4	41.9	43.9	44.5	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 10000	3.9	20.7	29.7	38.1	42.6	44.5	45.2	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 9000	3.9	20.7	29.7	38.1	42.6	44.5	45.2	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 8000	3.9	20.7	29.7	38.1	42.6	44.5	45.2	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 7000	3.9	20.7	29.7	38.1	42.6	44.5	45.2	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 6000	3.9	20.7	29.7	38.1	43.2	45.2	45.8	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 5000	3.9	20.7	29.7	38.1	43.2	45.2	45.8	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 4500	3.9	20.7	29.7	38.1	43.2	45.2	45.8	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 4000	3.9	20.7	29.7	38.1	43.2	45.2	45.8	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 3500	3.9	20.7	29.7	38.1	43.2	45.2	45.8	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 3000	3.9	20.7	29.7	38.1	43.2	45.2	45.8	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 2500	3.9	21.3	31.0	39.4	44.5	46.5	47.1	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 2000	3.9	21.3	31.0	39.4	45.2	47.1	47.7	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 1800	3.9	21.3	31.0	39.4	45.2	47.1	47.7	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 1500	4.5	24.5	34.8	44.5	52.3	55.5	56.1	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 1200	4.5	24.5	34.8	45.8	54.2	58.1	59.4	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 1000	4.5	25.8	36.8	51.0	62.6	67.7	69.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 900	4.5	25.8	36.8	51.0	63.9	69.7	71.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 800	4.5	25.8	37.4	52.3	65.8	72.3	77.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 700	4.5	25.8	37.4	52.9	67.1	75.5	81.9	83.9	83.9	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 600	4.5	25.8	37.4	52.9	67.7	76.8	83.9	86.5	86.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 500	4.5	25.8	38.1	53.6	69.0	78.7	87.1	90.3	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 400	4.5	25.8	38.1	53.6	69.0	78.7	87.1	91.6	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 300	4.5	25.8	38.1	53.6	69.0	79.4	89.7	95.5	95.5	96.8	96.8	96.8	96.8	96.8	96.8	97.4
≥ 200	4.5	25.8	38.1	53.6	69.0	79.4	89.7	95.5	95.5	98.1	98.7	98.7	98.7	98.7	98.7	99.4
≥ 100	4.5	25.8	38.1	53.6	69.0	79.4	89.7	95.5	95.5	98.1	98.7	98.7	98.7	98.7	98.7	99.4
≥ 0	4.5	25.8	38.1	53.6	69.0	79.4	89.7	95.5	95.5	98.1	99.4	99.4	99.4	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

13 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	12.3	30.3	39.4	43.9	52.9	53.6	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 20000	12.3	31.6	41.3	45.8	54.8	55.5	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 18000	12.3	31.6	41.3	45.8	54.8	55.5	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 16000	12.3	31.6	41.3	45.8	54.8	55.5	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 14000	12.3	31.6	41.9	46.5	55.5	56.1	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 12000	12.3	32.3	43.2	47.7	56.8	57.4	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 10000	12.3	32.3	43.2	48.4	57.4	58.1	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 9000	12.3	32.3	43.2	48.4	57.4	58.1	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 8000	12.3	32.3	43.2	48.4	57.4	58.1	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 7000	12.3	32.3	43.2	48.4	57.4	58.1	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 6000	12.3	32.3	43.2	48.4	57.4	58.1	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 5000	12.3	32.3	43.2	48.4	57.4	58.1	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 4500	12.3	32.3	43.2	48.4	57.4	58.1	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 4000	12.3	32.3	43.2	48.4	57.4	58.1	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 3500	12.3	32.3	43.2	48.4	57.4	58.1	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 3000	12.3	32.3	43.2	48.4	57.4	58.1	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 2500	12.3	33.6	44.5	49.7	58.7	59.4	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 2000	12.3	33.6	45.2	50.3	59.4	60.0	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 1800	12.3	33.6	45.2	50.3	59.4	60.0	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 1500	12.9	36.1	49.0	56.1	65.8	66.5	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 1200	12.9	36.8	51.0	59.4	69.0	69.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 1000	12.9	38.1	52.3	61.9	76.1	78.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 900	12.9	38.1	52.3	62.6	76.8	78.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 800	12.9	38.1	52.3	63.9	78.1	81.9	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 700	13.6	38.7	54.2	67.1	83.2	88.4	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 600	13.6	38.7	54.2	67.1	84.5	90.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 500	13.6	38.7	54.2	67.1	85.8	91.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 400	13.6	38.7	54.2	67.1	85.8	91.6	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 300	13.6	38.7	54.2	67.1	86.5	92.3	98.7	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	13.6	38.7	54.2	67.1	86.5	92.3	98.7	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	13.6	38.7	54.2	67.1	86.5	92.3	98.7	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	13.6	38.7	54.2	67.1	86.5	92.3	98.7	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | JUL (MONTH) | 16 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	18.1	44.5	56.8	63.9	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 20000	18.1	45.8	58.1	65.2	72.3	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 18000	18.1	45.8	58.1	65.2	72.3	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 16000	18.1	45.8	58.1	65.2	72.3	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 14000	18.1	45.8	58.1	65.2	72.3	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 12000	18.1	45.8	58.1	65.2	72.3	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 10000	18.1	45.8	58.7	66.5	73.6	74.2	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 9000	18.1	45.8	58.7	66.5	73.6	74.2	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 8000	18.1	45.8	58.7	66.5	73.6	74.2	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 7000	18.1	45.8	58.7	66.5	73.6	74.2	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 6000	18.1	45.8	58.7	66.5	73.6	74.2	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 5000	18.1	45.8	58.7	66.5	73.6	74.2	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 4500	18.1	45.8	58.7	66.5	73.6	74.2	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 4000	18.1	45.8	58.7	66.5	73.6	74.2	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 3500	18.1	45.8	58.7	66.5	73.6	74.2	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 3000	18.1	45.8	58.7	67.1	74.2	74.8	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 2500	18.1	45.8	58.7	67.1	74.2	74.8	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 2000	18.1	46.5	59.4	67.7	74.8	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 1800	18.1	46.5	59.4	67.7	74.8	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 1500	18.1	47.1	61.3	70.3	78.1	78.7	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 1200	18.1	47.1	61.3	72.3	80.0	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 1000	18.1	47.7	63.2	74.8	85.2	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 900	18.1	47.7	63.2	74.8	85.8	86.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 800	18.1	48.4	64.5	76.1	87.1	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 700	18.1	49.0	65.2	77.4	89.0	91.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 600	18.1	49.0	65.8	79.4	91.6	94.2	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 500	18.1	49.0	65.8	80.0	92.9	95.5	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 400	18.1	49.0	66.5	80.7	94.2	96.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	18.1	49.0	66.5	80.7	94.2	96.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	18.1	49.0	66.5	80.7	94.8	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	18.1	49.0	66.5	80.7	94.8	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	18.1	49.0	66.5	80.7	94.8	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | JUL (MONTH) | 19 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	16.8	48.4	61.3	65.2	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 20000	16.8	49.0	62.6	66.5	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 18000	16.8	49.0	62.6	66.5	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 16000	16.8	49.0	63.2	67.1	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 14000	16.8	50.3	64.5	68.4	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 12000	16.8	51.6	65.8	69.7	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 10000	16.8	51.6	65.8	70.3	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 9000	16.8	51.6	65.8	70.3	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 8000	16.8	52.9	67.1	71.6	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 7000	16.8	52.9	67.1	71.6	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 6000	16.8	52.9	67.1	71.6	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 5000	16.8	52.9	67.1	71.6	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 4500	16.8	52.9	67.1	71.6	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 4000	16.8	52.9	67.1	71.6	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 3500	16.8	52.9	67.1	71.6	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 3000	16.8	52.9	67.1	71.6	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 2500	16.8	52.9	67.1	71.6	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 2000	16.8	52.9	67.1	71.6	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 1800	16.8	52.9	67.1	71.6	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 1500	16.8	55.5	70.3	74.8	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 1200	16.8	56.1	71.0	76.1	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 1000	16.8	56.8	71.6	76.[illegible]	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 900	16.8	56.8	71.6	76.[illegible]	79.4	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 800	17.4	58.7	73.6	79.4	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 700	18.1	59.4	75.5	82.6	85.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 600	18.1	59.4	76.1	83.9	87.7	89.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 500	18.1	60.0	76.8	85.8	89.7	91.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 400	18.1	60.0	76.8	86.5	91.0	92.9	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 300	18.1	60.0	76.8	86.5	91.0	92.9	96.1	96.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 200	18.1	60.0	76.8	86.5	91.0	93.6	96.8	97.4	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 100	18.1	60.0	76.8	86.5	91.0	93.6	96.8	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	99.4
0	18.1	60.0	76.8	86.5	91.0	93.6	96.8	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

22 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	18.2	57.1	61.0	63.0	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 20000	18.2	57.1	61.7	63.6	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
< 20000 ≥ 18000	18.2	57.1	61.7	63.6	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
< 18000 ≥ 16000	18.2	57.1	61.7	63.6	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
< 16000 ≥ 14000	18.2	57.1	61.7	63.6	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
< 14000 ≥ 12000	18.2	59.1	63.6	65.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
< 12000 ≥ 10000	18.2	59.7	64.3	66.2	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
< 10000 ≥ 9000	18.2	59.7	64.3	66.2	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
< 9000 ≥ 8000	18.2	59.7	64.3	66.2	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
< 8000 ≥ 7000	18.2	59.7	64.3	66.2	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
< 7000 ≥ 6000	18.2	59.7	64.3	66.2	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
< 6000 ≥ 5000	18.2	59.7	64.3	66.2	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
< 5000 ≥ 4500	18.2	59.7	64.3	66.2	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
< 4500 ≥ 4000	18.2	59.7	64.3	66.2	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
< 4000 ≥ 3500	18.2	59.7	64.3	66.2	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
< 3500 ≥ 3000	18.2	59.7	64.3	66.2	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
< 3000 ≥ 2500	18.2	59.7	64.3	66.2	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
< 2500 ≥ 2000	18.2	60.4	64.9	66.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
< 2000 ≥ 1800	18.2	60.4	64.9	66.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
< 1800 ≥ 1500	18.8	61.7	66.9	68.8	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
< 1500 ≥ 1200	18.8	61.7	66.9	68.8	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
< 1200 ≥ 1000	20.1	63.0	69.5	71.4	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
< 1000 ≥ 900	20.8	63.6	70.8	72.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
< 900 ≥ 800	21.4	64.9	72.7	76.6	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
< 800 ≥ 700	22.1	66.9	74.7	78.6	81.8	81.8	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
< 700 ≥ 600	22.1	68.8	77.3	82.5	85.7	85.7	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
< 600 ≥ 500	22.7	70.1	78.6	85.1	89.6	89.6	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
< 500 ≥ 400	22.7	70.8	79.2	85.7	90.9	92.2	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
< 400 ≥ 300	22.7	70.8	79.2	85.7	91.6	93.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
< 300 ≥ 200	22.7	70.8	79.2	86.4	92.2	94.2	96.8	96.8	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1
< 200 ≥ 100	22.7	70.8	79.2	86.4	92.2	94.2	96.8	96.8	96.8	98.7	98.7	98.7	98.7	98.7	98.7	99.4
< 100 ≥ 0	22.7	70.8	79.2	86.4	92.2	94.2	96.8	96.8	96.8	98.7	98.7	98.7	99.4	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 154

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | JUL (MONTH) | ALL (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	10.5	34.2	42.3	47.2	51.7	52.1	52.3	52.4	52.4	52.6	52.7	52.7	52.7	52.7	52.7	52.7
≥ 20000	10.5	34.7	43.1	48.0	52.5	53.0	53.2	53.3	53.3	53.5	53.6	53.6	53.6	53.6	53.6	53.6
≥ 18000	10.5	34.7	43.1	48.0	52.5	53.0	53.2	53.3	53.3	53.5	53.6	53.6	53.6	53.6	53.6	53.6
≥ 16000	10.5	34.7	43.2	48.1	52.6	53.0	53.3	53.4	53.4	53.6	53.7	53.7	53.7	53.7	53.7	53.7
≥ 14000	10.5	35.0	43.6	48.5	53.1	53.5	53.8	53.8	53.8	54.1	54.2	54.2	54.2	54.2	54.2	54.2
≥ 12000	10.5	35.8	44.5	49.4	54.0	54.4	54.6	54.7	54.7	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 10000	10.5	35.8	44.6	50.0	54.6	55.0	55.3	55.4	55.4	55.6	55.7	55.7	55.7	55.7	55.7	55.7
≥ 9000	10.5	35.8	44.6	50.0	54.6	55.0	55.3	55.4	55.4	55.6	55.7	55.7	55.7	55.7	55.7	55.7
≥ 8000	10.5	36.0	44.8	50.1	54.7	55.1	55.5	55.5	55.5	55.8	55.9	55.9	55.9	55.9	55.9	55.9
≥ 7000	10.5	36.0	44.8	50.1	54.7	55.1	55.5	55.5	55.5	55.8	55.9	55.9	55.9	55.9	55.9	55.9
≥ 6000	10.5	36.0	44.8	50.1	54.9	55.3	55.6	55.7	55.7	55.9	56.0	56.0	56.0	56.0	56.0	56.0
≥ 5000	10.5	36.0	44.8	50.1	54.9	55.3	55.6	55.7	55.7	55.9	56.0	56.0	56.0	56.0	56.0	56.0
≥ 4500	10.5	36.0	44.8	50.1	54.9	55.3	55.6	55.7	55.7	55.9	56.0	56.0	56.0	56.0	56.0	56.0
≥ 4000	10.5	36.0	44.8	50.1	54.9	55.3	55.6	55.7	55.7	55.9	56.0	56.0	56.0	56.0	56.0	56.0
≥ 3500	10.5	36.0	44.8	50.1	54.9	55.3	55.6	55.7	55.7	55.9	56.0	56.0	56.0	56.0	56.0	56.0
≥ 3000	10.5	36.0	44.8	50.2	55.0	55.4	55.7	55.8	55.8	56.0	56.1	56.1	56.1	56.1	56.1	56.1
≥ 2500	10.5	36.2	45.1	50.5	55.3	55.7	56.0	56.1	56.1	56.3	56.4	56.4	56.4	56.4	56.4	56.4
≥ 2000	10.5	36.5	45.5	51.0	55.9	56.3	56.6	56.7	56.7	56.9	57.0	57.0	57.0	57.0	57.0	57.0
≥ 1800	10.5	36.5	45.6	51.2	56.0	56.4	56.7	56.8	56.8	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 1500	10.7	38.5	48.2	54.5	59.7	60.4	60.9	60.9	60.9	61.2	61.3	61.3	61.3	61.3	61.3	61.3
≥ 1200	10.9	39.1	49.2	56.3	61.8	62.6	63.3	63.4	63.4	63.6	63.7	63.7	63.7	63.7	63.7	63.7
≥ 1000	11.2	40.6	51.7	59.8	66.9	68.0	69.3	69.5	69.5	69.7	69.8	69.8	69.8	69.8	69.8	69.8
≥ 900	11.3	40.7	52.1	60.5	68.0	69.3	70.6	70.9	70.9	71.1	71.2	71.2	71.2	71.2	71.2	71.2
≥ 800	11.6	42.4	54.5	63.9	71.9	74.0	76.0	76.4	76.4	76.6	76.7	76.7	76.7	76.7	76.7	76.7
≥ 700	12.0	43.2	56.1	66.7	75.5	78.5	81.0	81.4	81.4	81.8	81.9	81.9	81.9	81.9	81.9	81.9
≥ 600	12.0	43.6	57.1	68.2	78.1	81.3	84.7	85.2	85.2	85.6	85.6	85.6	85.7	85.7	85.7	85.7
≥ 500	12.2	44.0	57.7	69.3	79.9	83.4	87.5	88.1	88.1	88.6	88.7	88.7	88.8	88.8	88.8	88.8
≥ 400	12.2	44.1	58.0	69.9	81.5	85.2	89.8	90.9	90.9	91.8	91.9	91.9	91.9	91.9	91.9	91.9
≥ 300	12.2	44.1	58.0	69.9	81.9	86.0	91.9	93.5	93.5	95.0	95.1	95.1	95.2	95.2	95.2	95.3
≥ 200	12.2	44.1	58.1	70.1	82.2	86.4	92.7	94.3	94.3	96.5	96.9	96.9	97.3	97.4	97.6	97.7
≥ 100	12.2	44.1	58.2	70.2	82.3	86.5	92.7	94.5	94.5	97.4	98.0	98.0	98.5	98.6	98.9	99.1
≥ 0	12.2	44.1	58.2	70.2	82.3	86.5	92.7	94.5	94.5	97.4	98.1	98.1	98.8	99.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 1239

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | AUG (MONTH) | 01 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	9.7	32.9	40.0	43.9	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 20000	9.7	33.6	40.7	44.5	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 18000	9.7	33.6	40.7	44.5	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 16000	9.7	33.6	40.7	44.5	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 14000	9.7	33.6	40.7	44.5	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 12000	9.7	33.6	40.7	44.5	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 10000	9.7	33.6	40.7	44.5	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 9000	9.7	33.6	40.7	44.5	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 8000	9.7	33.6	40.7	45.2	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 7000	9.7	33.6	40.7	45.2	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 6000	9.7	33.6	40.7	45.2	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 5000	9.7	33.6	40.7	45.2	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 4500	9.7	33.6	40.7	45.2	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 4000	9.7	33.6	40.7	45.2	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 3500	9.7	33.6	40.7	45.2	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 3000	9.7	33.6	40.7	45.2	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 2500	9.7	33.6	40.7	45.2	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 2000	10.3	34.2	41.3	45.8	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 1800	10.3	34.2	41.3	45.8	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 1500	10.3	34.8	41.9	46.5	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 1200	10.3	34.8	41.9	46.5	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 1000	10.3	35.5	42.6	47.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 900	10.3	35.5	43.2	48.4	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 800	10.3	37.4	48.4	54.8	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 700	10.3	40.0	52.9	61.3	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 600	10.3	40.7	55.5	65.2	70.3	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 500	10.3	40.7	56.8	66.5	74.2	75.5	76.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 400	10.3	41.3	58.1	68.4	78.7	80.7	81.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 300	10.3	41.3	58.1	69.7	82.6	85.2	88.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 200	10.3	41.3	58.1	69.7	83.9	86.5	91.0	92.9	92.9	93.6	94.2	94.2	94.2	94.2	94.2	94.2
≥ 100	10.3	41.3	58.1	69.7	83.9	86.5	91.0	94.2	94.2	95.5	96.1	96.1	96.1	96.8	96.8	96.8
0	10.3	41.3	58.1	69.7	83.9	86.5	91.0	94.2	94.2	95.5	96.1	96.1	96.1	96.8	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | AUG (MONTH) | 04 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	5.2	21.9	25.8	28.4	29.7	29.7	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	32.3	32.3
≥ 20000	5.2	22.6	27.1	29.7	31.0	31.0	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	33.6	33.6
≥ 18000	5.2	22.6	27.1	29.7	31.0	31.0	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	33.6	33.6
≥ 16000	5.2	22.6	27.1	29.7	31.0	31.0	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	33.6	33.6
≥ 14000	5.2	22.6	27.1	29.7	31.0	31.0	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	33.6	33.6
≥ 12000	5.2	22.6	27.1	29.7	31.0	31.0	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	33.6	33.6
≥ 10000	5.2	23.2	27.7	30.3	31.6	31.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	34.2	34.2
≥ 9000	5.2	23.2	27.7	30.3	31.6	31.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	34.2	34.2
≥ 8000	5.8	23.9	28.4	31.0	32.9	32.9	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	35.5	35.5
≥ 7000	5.8	23.9	28.4	31.0	32.9	32.9	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	35.5	35.5
≥ 6000	5.8	23.9	28.4	31.0	32.9	32.9	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	35.5	35.5
≥ 5000	5.8	23.9	28.4	31.0	32.9	32.9	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	35.5	35.5
≥ 4500	5.8	23.9	28.4	31.0	32.9	32.9	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	35.5	35.5
≥ 4000	5.8	23.9	28.4	31.0	32.9	32.9	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	35.5	35.5
≥ 3500	5.8	23.9	28.4	31.0	32.9	32.9	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	35.5	35.5
≥ 3000	5.8	23.9	28.4	31.0	32.9	32.9	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	35.5	35.5
≥ 2500	5.8	23.9	28.4	31.0	32.9	32.9	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	35.5	35.5
≥ 2000	6.5	24.5	29.7	32.3	34.2	34.2	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.8	36.8
≥ 1800	6.5	25.2	31.0	33.6	35.5	35.5	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	38.1	38.1
≥ 1500	6.5	25.8	31.6	34.2	36.1	36.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.7	38.7
≥ 1200	6.5	25.8	31.6	34.8	36.8	36.8	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	39.4	39.4
≥ 1000	6.5	26.5	34.8	40.7	43.2	43.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.8	45.8
≥ 900	6.5	26.5	34.8	40.7	44.5	44.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	47.1	47.1
≥ 800	6.5	28.4	38.1	45.8	54.2	54.2	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.8	56.8
≥ 700	6.5	29.0	40.0	47.7	58.1	58.7	61.3	61.3	61.3	61.9	61.9	61.9	61.9	61.9	62.6	62.6
≥ 600	6.5	29.0	40.7	49.0	61.9	63.2	67.1	67.7	67.7	68.4	68.4	68.4	68.4	68.4	69.0	69.0
≥ 500	6.5	29.0	41.3	51.6	68.4	70.3	74.2	74.8	74.8	75.5	75.5	75.5	75.5	75.5	76.1	76.1
≥ 400	6.5	29.0	41.3	51.6	69.7	72.3	78.1	78.7	78.7	79.4	79.4	79.4	79.4	79.4	80.0	80.0
≥ 300	6.5	29.0	41.3	51.6	71.0	74.2	81.9	82.6	82.6	83.9	83.9	83.9	83.9	83.9	84.5	84.5
≥ 200	6.5	29.0	41.3	51.6	71.0	74.2	84.5	85.8	86.5	89.0	90.3	90.3	90.3	90.3	91.0	91.6
≥ 100	6.5	29.0	41.3	51.6	71.0	74.2	84.5	86.5	87.1	90.3	92.9	93.6	93.6	94.2	94.8	95.5
0	6.5	29.0	41.3	51.6	71.0	74.2	84.5	86.5	87.1	90.3	92.9	93.6	94.8	96.1	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | AUG (MONTH) | 07 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	7.1	14.8	20.0	21.9	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.8
≥ 20000	7.7	15.5	20.7	22.6	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	26.5
≥ 18000	7.7	15.5	20.7	22.6	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	26.5
≥ 16000	7.7	15.5	20.7	22.6	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	26.5
≥ 14000	7.7	15.5	20.7	22.6	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	26.5
≥ 12000	7.7	15.5	20.7	22.6	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	26.5
≥ 10000	7.7	16.1	21.3	23.2	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	27.1
≥ 9000	7.7	16.1	21.3	23.2	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	27.1
≥ 8000	7.7	16.1	21.9	23.9	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.7
≥ 7000	7.7	16.1	21.9	23.9	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.7
≥ 6000	7.7	16.1	21.9	23.9	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.7
≥ 5000	7.7	16.1	21.9	23.9	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.7
≥ 4500	7.7	16.1	21.9	23.9	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.7
≥ 4000	7.7	16.1	21.9	23.9	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.7
≥ 3500	8.4	16.8	22.6	24.5	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	28.4
≥ 3000	8.4	16.8	22.6	24.5	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	28.4
≥ 2500	8.4	17.4	23.2	25.2	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	29.0
≥ 2000	8.4	18.1	23.9	26.5	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	30.3
≥ 1800	8.4	18.1	23.9	26.5	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	30.3
≥ 1500	9.0	18.7	25.2	28.4	34.2	34.2	34.2	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	35.5
≥ 1200	9.0	18.7	25.2	28.4	34.2	34.2	34.2	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	35.5
≥ 1000	9.0	19.4	26.5	30.3	39.4	39.4	40.0	41.3	41.3	41.9	41.9	41.9	41.9	41.9	41.9	42.6
≥ 900	9.0	20.0	27.7	31.6	40.7	41.9	43.2	45.2	45.2	45.8	45.8	45.8	45.8	45.8	45.8	46.5
≥ 800	9.0	20.0	27.7	32.9	45.8	47.7	50.3	52.9	52.9	53.6	53.6	53.6	53.6	53.6	53.6	54.2
≥ 700	9.0	20.7	29.7	36.1	49.0	51.0	54.2	58.1	58.1	58.7	58.7	58.7	58.7	58.7	58.7	59.4
≥ 600	9.0	20.7	29.7	37.4	51.0	54.2	60.0	65.2	65.2	65.8	65.8	65.8	66.5	66.5	66.5	67.1
≥ 500	9.0	20.7	29.7	38.1	51.6	55.5	62.6	68.4	68.4	71.0	71.0	71.0	71.6	71.6	71.6	72.3
≥ 400	9.0	20.7	29.7	38.7	52.3	56.1	66.5	72.9	72.9	76.8	76.8	76.8	77.4	77.4	77.4	78.1
≥ 300	9.0	20.7	29.7	38.7	52.3	56.1	67.7	74.8	74.8	80.0	80.0	80.0	80.7	81.3	81.3	82.6
≥ 200	9.0	20.7	29.7	38.7	52.3	56.8	68.4	75.5	75.5	83.9	85.2	85.2	87.1	87.7	88.4	90.3
≥ 100	9.0	20.7	29.7	38.7	52.3	56.8	68.4	75.5	75.5	83.9	86.5	86.5	91.0	92.9	93.6	97.4
0	9.0	20.7	29.7	38.7	52.3	56.8	68.4	75.5	75.5	83.9	86.5	86.5	91.0	92.9	93.6	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | AUG (MONTH) | 10 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	11.0	23.2	32.9	38.7	45.2	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.7	47.7	47.7	47.7
≥ 20000	11.0	23.9	33.6	39.4	45.8	47.7	47.7	47.7	47.7	47.7	47.7	47.7	48.4	48.4	48.4	48.4
≥ 18000	11.0	23.9	33.6	39.4	45.8	47.7	47.7	47.7	47.7	47.7	47.7	47.7	48.4	48.4	48.4	48.4
≥ 16000	11.0	23.9	33.6	39.4	45.8	47.7	47.7	47.7	47.7	47.7	47.7	47.7	48.4	48.4	48.4	48.4
≥ 14000	11.0	23.9	33.6	39.4	45.8	47.7	47.7	47.7	47.7	47.7	47.7	47.7	48.4	48.4	48.4	48.4
≥ 12000	11.0	23.9	33.6	39.4	45.8	47.7	47.7	47.7	47.7	47.7	47.7	47.7	48.4	48.4	48.4	48.4
≥ 10000	11.0	23.9	34.8	40.7	47.1	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.7	49.7	49.7	49.7
≥ 9000	11.0	23.9	34.8	40.7	47.1	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.7	49.7	49.7	49.7
≥ 8000	11.0	23.9	34.8	40.7	47.1	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.7	49.7	49.7	49.7
≥ 7000	11.0	23.9	34.8	40.7	47.1	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.7	49.7	49.7	49.7
≥ 6000	11.0	23.9	34.8	40.7	47.1	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.7	49.7	49.7	49.7
≥ 5000	11.0	23.9	34.8	40.7	47.1	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.7	49.7	49.7	49.7
≥ 4500	11.6	24.5	35.5	41.3	47.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	50.3	50.3	50.3	50.3
≥ 4000	11.6	24.5	35.5	41.3	47.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	50.3	50.3	50.3	50.3
≥ 3500	11.6	24.5	35.5	41.3	47.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	50.3	50.3	50.3	50.3
≥ 3000	11.6	24.5	35.5	41.3	47.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	50.3	50.3	50.3	50.3
≥ 2500	11.6	24.5	35.5	41.3	48.4	50.3	50.3	50.3	50.3	50.3	50.3	50.3	51.0	51.0	51.0	51.0
≥ 2000	12.3	25.8	37.4	43.2	50.3	52.9	52.9	52.9	52.9	52.9	52.9	52.9	53.6	53.6	53.6	53.6
≥ 1800	12.3	25.8	37.4	43.2	50.3	52.9	52.9	52.9	52.9	52.9	52.9	52.9	53.6	53.6	53.6	53.6
≥ 1500	12.3	26.5	38.1	45.8	54.8	57.4	57.4	57.4	57.4	57.4	57.4	57.4	58.1	58.1	58.1	58.1
≥ 1200	12.3	26.5	38.7	45.4	58.1	61.9	61.9	61.9	61.9	61.9	61.9	61.9	62.6	62.6	62.6	62.6
≥ 1000	12.9	28.4	41.9	52.9	67.1	73.6	74.8	74.8	74.8	74.8	74.8	74.8	75.5	75.5	75.5	75.5
≥ 900	12.9	28.4	41.9	52.9	67.1	73.6	74.8	76.1	76.1	76.1	76.1	76.1	76.8	76.8	76.8	76.8
≥ 800	12.9	28.4	41.9	53.6	69.0	76.1	78.7	80.0	80.0	80.0	80.0	80.0	80.7	80.7	80.7	80.7
≥ 700	12.9	28.4	41.9	53.6	69.7	79.4	82.6	83.9	83.9	84.5	84.5	84.5	85.2	85.2	85.2	85.2
≥ 600	12.9	28.4	41.9	54.2	70.3	80.0	87.1	88.4	88.4	90.3	90.3	90.3	91.0	91.0	91.0	91.0
≥ 500	12.9	28.4	41.9	54.2	71.0	80.7	89.0	90.3	90.3	92.9	92.9	92.9	93.6	93.6	93.6	93.6
≥ 400	12.9	28.4	41.9	54.2	71.0	80.7	89.0	91.6	91.6	94.8	94.8	94.8	95.5	95.5	95.5	95.5
≥ 300	12.9	28.4	41.9	54.2	71.0	80.7	90.3	93.6	93.6	97.4	97.4	97.4	98.1	98.1	98.1	98.1
≥ 200	12.9	28.4	41.9	54.2	71.0	80.7	90.3	94.2	94.2	99.4	99.4	99.4	100.0	100.0	100.0	100.0
≥ 100	12.9	28.4	41.9	54.2	71.0	80.7	90.3	94.2	94.2	99.4	99.4	99.4	100.0	100.0	100.0	100.0
0	12.9	28.4	41.9	54.2	71.0	80.7	90.3	94.2	94.2	99.4	99.4	99.4	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | AUG (MONTH) | 13 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	16.1	38.7	46.5	52.3	58.1	59.4	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 20000	16.1	38.7	47.7	53.6	59.4	60.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 18000	16.8	39.4	48.4	54.2	60.0	61.3	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 16000	16.8	39.4	48.4	54.2	60.0	61.3	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 14000	17.4	40.0	49.0	54.8	60.7	61.9	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 12000	17.4	40.0	49.0	54.8	60.7	61.9	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 10000	17.4	40.7	49.7	55.5	61.3	62.6	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 9000	17.4	40.7	49.7	55.5	61.3	62.6	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 8000	17.4	41.3	50.3	56.8	62.6	63.9	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 7000	17.4	41.3	50.3	56.8	62.6	63.9	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 6000	18.1	41.9	51.0	57.4	63.2	64.5	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 5000	18.1	41.9	51.0	57.4	63.2	64.5	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 4500	18.1	41.9	51.0	57.4	63.2	64.5	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 4000	18.1	41.9	51.0	57.4	63.2	64.5	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 3500	18.1	41.9	51.0	57.4	63.2	64.5	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 3000	18.1	41.9	51.0	57.4	63.2	64.5	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 2500	18.1	41.9	51.0	57.4	63.2	64.5	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 2000	18.1	41.9	52.3	58.7	64.5	65.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 1800	18.1	42.6	52.9	59.4	65.2	66.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 1500	18.1	43.9	54.2	61.3	67.1	69.7	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 1200	18.1	43.9	54.8	61.9	68.4	71.0	72.3	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 1000	18.7	45.2	58.7	67.1	75.5	78.7	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 900	18.7	45.2	58.7	67.7	76.1	79.4	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 800	18.7	45.2	58.7	69.0	78.7	83.2	86.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 700	18.7	45.2	58.7	69.7	80.0	85.2	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 600	18.7	45.2	58.7	70.3	81.9	89.0	94.8	95.5	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 500	18.7	45.2	58.7	70.3	81.9	90.3	96.1	96.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 400	18.7	45.2	58.7	70.3	81.9	90.3	97.4	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 300	18.7	45.2	58.7	70.3	81.9	90.3	97.4	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 200	18.7	45.2	58.7	70.3	82.6	91.0	98.1	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100	18.7	45.2	58.7	70.3	82.6	91.0	98.1	98.7	98.7	99.4	99.4	99.4	100.0	100.0	100.0	100.0
0	18.7	45.2	58.7	70.3	82.6	91.0	98.1	98.7	98.7	99.4	99.4	99.4	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | AUG (MONTH) | 16 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	16.1	46.5	58.1	61.9	69.7	69.7	69.7	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 20000	18.1	49.0	60.7	64.5	72.3	72.3	72.3	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 18000	18.1	49.0	60.7	64.5	72.3	72.3	72.3	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 16000	18.1	49.0	60.7	64.5	72.3	72.3	72.3	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 14000	18.1	49.0	60.7	64.5	72.3	72.3	72.3	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 12000	18.1	49.7	61.3	65.2	72.9	72.9	72.9	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 10000	18.1	50.3	61.9	65.8	73.6	73.6	73.6	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 9000	18.1	50.3	61.9	65.8	73.6	73.6	73.6	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 8000	18.1	50.3	61.9	66.5	74.2	74.2	74.2	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 7000	18.1	51.0	62.6	67.1	74.8	74.8	74.8	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 6000	18.1	51.0	62.6	67.1	74.8	74.8	74.8	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 5000	18.7	51.6	63.2	67.7	75.5	75.5	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 4500	18.7	51.6	63.2	67.7	75.5	75.5	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 4000	18.7	51.6	63.2	67.7	75.5	75.5	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 3500	18.7	51.6	63.2	67.7	75.5	75.5	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 3000	18.7	51.6	63.2	67.7	75.5	75.5	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 2500	18.7	51.6	63.2	67.7	75.5	75.5	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 2000	19.4	52.3	63.9	68.4	76.1	76.1	76.1	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 1800	20.0	52.9	64.5	69.0	76.8	76.8	76.8	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 1500	20.0	54.2	65.8	70.3	78.1	78.1	78.1	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 1200	20.0	54.8	67.1	72.3	80.0	80.0	80.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 1000	20.0	56.8	69.0	74.8	83.9	85.2	85.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 900	20.0	56.8	69.0	74.8	83.9	85.2	85.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 800	20.0	56.8	69.7	76.1	85.2	87.1	87.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 700	20.0	56.8	69.7	76.8	85.8	88.4	89.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 600	20.0	56.8	69.7	76.8	85.8	89.0	91.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 500	20.0	56.8	70.3	77.4	87.7	92.3	94.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 400	20.0	56.8	70.3	77.4	87.7	92.3	96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 300	20.0	56.8	70.3	77.4	87.7	92.3	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	20.0	56.8	70.3	77.4	88.4	92.9	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	20.0	56.8	70.3	77.4	88.4	92.9	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	20.0	56.8	70.3	77.4	88.4	92.9	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | AUG (MONTH) | 19 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	21.3	46.5	56.1	58.7	59.4	60.0	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 20000	21.3	47.1	56.8	59.4	60.0	60.7	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 18000	21.3	47.1	56.8	59.4	60.0	60.7	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 16000	21.3	47.1	56.8	59.4	60.0	60.7	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 14000	21.9	48.4	58.1	60.7	61.3	61.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 12000	21.9	49.0	58.7	61.3	61.9	62.6	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 10000	21.9	49.0	58.7	61.3	61.9	62.6	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 9000	21.9	49.0	58.7	61.3	61.9	62.6	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 8000	21.9	49.0	59.4	61.9	62.6	63.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 7000	21.9	49.0	60.0	62.6	63.2	63.9	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 6000	21.9	49.0	60.0	62.6	63.2	63.9	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 5000	21.9	49.0	60.0	62.6	63.2	63.9	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 4500	21.9	49.0	60.0	62.6	63.2	63.9	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 4000	21.9	49.0	60.0	62.6	63.2	63.9	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 3500	21.9	49.0	60.0	62.6	63.2	63.9	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 3000	21.9	49.0	60.0	62.6	63.2	63.9	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 2500	21.9	49.0	60.0	62.6	63.2	63.9	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 2000	22.6	49.7	60.7	63.2	63.9	64.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 1800	23.2	50.3	61.3	63.9	64.5	65.2	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 1500	23.2	50.3	62.6	65.2	65.8	66.5	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 1200	23.2	51.0	63.9	66.5	67.7	68.4	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 1000	23.9	52.9	65.8	69.7	71.0	71.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 900	23.9	52.9	65.8	70.3	71.6	72.3	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 800	24.5	54.8	69.7	74.8	76.8	78.1	80.0	80.0	80.0	80.0	80.7	80.7	80.7	80.7	80.7	80.7
≥ 700	24.5	54.8	71.0	78.1	80.0	81.3	83.2	83.2	83.2	83.2	83.9	83.9	83.9	83.9	83.9	83.9
≥ 600	24.5	54.8	71.0	78.7	82.6	86.5	88.4	88.4	88.4	88.4	89.0	89.0	89.0	89.0	89.0	89.0
≥ 500	24.5	54.8	71.6	80.7	84.5	89.0	92.9	92.9	92.9	93.6	94.2	94.2	94.2	94.2	94.2	94.2
≥ 400	24.5	54.8	71.6	80.7	85.2	90.3	94.8	94.8	94.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4
≥ 300	24.5	54.8	71.6	80.7	85.8	91.0	95.5	95.5	95.5	97.4	98.1	98.1	98.1	98.1	98.1	98.1
≥ 200	24.5	54.8	71.6	80.7	85.8	91.0	95.5	95.5	95.5	97.4	98.1	98.1	98.7	99.4	99.4	99.4
≥ 100	24.5	54.8	71.6	80.7	85.8	91.0	95.5	95.5	95.5	97.4	98.1	98.1	99.4	100.0	100.0	100.0
0	24.5	54.8	71.6	80.7	85.8	91.0	95.5	95.5	95.5	97.4	98.1	98.1	99.4	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

22 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	15.5	43.9	54.2	54.2	54.2	54.8	55.5	55.5	55.5	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 20000	15.5	43.9	54.8	54.8	54.8	55.5	56.1	56.1	56.1	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 18000	15.5	43.9	54.8	54.8	54.8	55.5	56.1	56.1	56.1	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 16000	15.5	43.9	54.8	54.8	54.8	55.5	56.1	56.1	56.1	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 14000	15.5	44.5	55.5	55.5	55.5	56.1	56.8	56.8	56.8	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 12000	15.5	44.5	55.5	55.5	55.5	56.1	56.8	56.8	56.8	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 10000	15.5	44.5	55.5	55.5	55.5	56.1	56.8	56.8	56.8	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 9000	15.5	44.5	55.5	55.5	55.5	56.1	56.8	56.8	56.8	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 8000	15.5	44.5	55.5	56.1	56.1	56.8	57.4	57.4	57.4	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 7000	15.5	44.5	55.5	56.8	56.8	57.4	58.1	58.1	58.1	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 6000	15.5	44.5	55.5	56.8	56.8	57.4	58.1	58.1	58.1	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 5000	15.5	44.5	55.5	56.8	56.8	57.4	58.1	58.1	58.1	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 4500	15.5	44.5	55.5	56.8	56.8	57.4	58.1	58.1	58.1	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 4000	15.5	44.5	55.5	56.8	56.8	57.4	58.1	58.1	58.1	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 3500	15.5	44.5	55.5	56.8	56.8	57.4	58.1	58.1	58.1	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 3000	15.5	44.5	55.5	56.8	56.8	57.4	58.1	58.1	58.1	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 2500	15.5	44.5	55.5	56.8	56.8	57.4	58.1	58.1	58.1	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 2000	15.5	45.2	56.1	57.4	57.4	58.1	58.7	58.7	58.7	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 1800	15.5	45.2	56.1	57.4	57.4	58.1	58.7	58.7	58.7	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 1500	15.5	46.5	57.4	58.7	58.7	59.4	60.0	60.0	60.0	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 1200	15.5	46.5	57.4	58.7	58.7	59.4	60.0	60.0	60.0	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 1000	15.5	47.7	58.7	60.7	60.7	61.3	61.9	61.9	61.9	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 900	16.1	48.4	60.7	63.2	63.9	64.5	65.2	65.2	65.2	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 800	16.1	52.3	64.5	69.0	71.0	71.6	72.3	72.3	72.3	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 700	16.8	54.8	67.1	71.6	74.8	75.5	76.1	76.1	76.1	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 600	16.8	56.8	70.3	75.5	80.0	80.7	81.9	81.9	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 500	16.8	57.4	71.0	76.8	82.6	83.9	85.2	85.2	85.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 400	16.8	58.1	71.6	78.7	85.2	87.1	89.0	89.0	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 300	16.8	58.1	71.6	78.7	85.8	87.7	89.7	89.7	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 200	16.8	58.1	71.6	78.7	86.5	88.4	92.3	92.9	92.9	94.2	94.2	94.2	94.8	94.8	95.5	95.5
≥ 100	16.8	58.1	71.6	78.7	86.5	89.0	92.9	93.6	93.6	95.5	96.1	96.1	96.8	96.8	98.7	99.4
0	16.8	58.1	71.6	78.7	86.5	89.0	92.9	93.6	93.6	95.3	96.8	96.8	97.4	97.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	12.7	33.6	41.7	45.0	48.3	48.9	49.6	49.7	49.7	49.8	49.8	49.8	49.8	49.8	49.9	50.0
≥ 20000	13.1	34.3	42.7	46.1	49.4	49.9	50.7	50.7	50.7	50.8	50.8	50.8	50.9	50.9	51.0	51.1
≥ 18000	13.2	34.4	42.8	46.1	49.4	50.0	50.7	50.8	50.8	50.9	50.9	50.9	51.0	51.0	51.1	51.1
≥ 16000	13.2	34.4	42.8	46.1	49.4	50.0	50.7	50.8	50.8	50.9	50.9	50.9	51.0	51.0	51.1	51.1
≥ 14000	13.3	34.7	43.2	46.5	49.8	50.3	51.1	51.1	51.1	51.2	51.2	51.2	51.3	51.3	51.4	51.5
≥ 12000	13.3	34.8	43.3	46.6	49.9	50.5	51.2	51.3	51.3	51.4	51.4	51.4	51.5	51.5	51.5	51.6
≥ 10000	13.3	35.2	43.8	47.1	50.4	51.0	51.7	51.8	51.8	51.9	51.9	51.9	51.9	51.9	52.0	52.1
≥ 9000	13.3	35.2	43.8	47.1	50.4	51.0	51.7	51.8	51.8	51.9	51.9	51.9	51.9	51.9	52.0	52.1
≥ 8000	13.4	35.3	44.1	47.7	51.1	51.7	52.4	52.5	52.5	52.6	52.6	52.6	52.7	52.7	52.7	52.8
≥ 7000	13.4	35.4	44.3	48.0	51.4	51.9	52.7	52.7	52.7	52.8	52.8	52.8	52.9	52.9	53.0	53.1
≥ 6000	13.5	35.5	44.4	48.1	51.5	52.0	52.7	52.8	52.8	52.9	52.9	52.9	53.0	53.0	53.1	53.2
≥ 5000	13.6	35.6	44.4	48.2	51.5	52.1	52.8	52.9	52.9	53.0	53.0	53.0	53.1	53.1	53.2	53.2
≥ 4500	13.6	35.7	44.5	48.2	51.6	52.2	52.9	53.0	53.0	53.1	53.1	53.1	53.2	53.2	53.2	53.3
≥ 4000	13.6	35.7	44.5	48.2	51.6	52.2	52.9	53.0	53.0	53.1	53.1	53.1	53.2	53.2	53.2	53.3
≥ 3500	13.7	35.7	44.6	48.3	51.7	52.3	53.0	53.1	53.1	53.2	53.2	53.2	53.2	53.2	53.3	53.4
≥ 3000	13.7	35.7	44.6	48.3	51.7	52.3	53.0	53.1	53.1	53.2	53.2	53.2	53.2	53.2	53.3	53.4
≥ 2500	13.7	35.8	44.7	48.4	51.9	52.4	53.2	53.2	53.2	53.3	53.3	53.3	53.4	53.4	53.5	53.6
≥ 2000	14.1	36.5	45.7	49.4	52.9	53.6	54.3	54.4	54.4	54.4	54.4	54.4	54.5	54.5	54.6	54.7
≥ 1800	14.3	36.8	46.1	49.8	53.3	54.0	54.7	54.8	54.8	54.8	54.8	54.8	54.9	54.9	55.0	55.1
≥ 1500	14.4	37.6	47.1	51.3	55.3	56.1	56.9	57.1	57.1	57.2	57.2	57.2	57.3	57.3	57.3	57.4
≥ 1200	14.4	37.7	47.6	52.2	56.5	57.4	58.2	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.7	58.8
≥ 1000	14.6	39.0	49.8	55.5	61.3	62.8	64.0	64.4	64.4	64.5	64.5	64.5	64.6	64.6	64.7	64.8
≥ 900	14.7	39.2	50.2	56.2	62.3	64.0	65.2	65.9	65.9	66.1	66.1	66.1	66.1	66.1	66.2	66.3
≥ 800	14.8	40.4	52.3	59.5	67.3	69.5	71.2	71.9	71.9	72.1	72.2	72.2	72.3	72.3	72.3	72.4
≥ 700	14.8	41.2	53.9	61.9	70.4	73.2	75.2	76.1	76.1	76.5	76.5	76.5	76.6	76.6	76.7	76.8
≥ 600	14.8	41.5	54.7	63.4	73.0	76.7	80.2	81.4	81.4	81.9	82.0	82.0	82.2	82.2	82.3	82.3
≥ 500	14.8	41.6	55.2	64.4	75.2	79.7	83.9	85.2	85.2	86.2	86.3	86.3	86.5	86.5	86.5	86.6
≥ 400	14.8	41.8	55.4	65.0	76.5	81.2	86.6	88.2	88.2	89.6	89.7	89.7	89.8	89.8	89.9	90.0
≥ 300	14.8	41.8	55.4	65.2	77.3	82.2	88.6	90.4	90.4	92.1	92.2	92.2	92.3	92.4	92.5	92.7
≥ 200	14.8	41.8	55.4	65.2	77.7	82.7	89.8	91.9	92.0	94.6	95.1	95.1	95.6	95.7	96.0	96.3
≥ 100	14.8	41.8	55.4	65.2	77.7	82.7	89.9	92.3	92.3	95.2	96.1	96.1	97.1	97.6	98.0	98.6
0	14.8	41.8	55.4	65.2	77.7	82.7	89.9	92.3	92.3	95.2	96.1	96.2	97.3	97.9	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 1240

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | SEP (MONTH) | 01 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	10.0	32.7	38.0	42.7	44.0	44.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 20000	10.0	32.7	39.3	44.0	45.3	45.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 18000	10.0	32.7	39.3	44.0	45.3	45.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 16000	10.0	32.7	39.3	44.0	45.3	45.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 14000	10.0	32.7	39.3	44.0	45.3	45.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 12000	10.0	32.7	39.3	44.7	46.0	46.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 10000	10.0	32.7	39.3	44.7	46.0	46.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 9000	10.0	32.7	39.3	44.7	46.0	46.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 8000	10.0	32.7	39.3	44.7	46.0	46.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 7000	10.0	32.7	39.3	44.7	46.0	46.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 6000	10.0	32.7	39.3	44.7	46.0	46.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 5000	10.0	33.3	40.0	45.3	46.7	46.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 4500	10.0	34.0	40.7	46.0	47.3	47.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 4000	10.0	34.0	40.7	46.0	47.3	47.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 3500	10.0	34.0	40.7	46.0	47.3	47.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 3000	10.0	34.0	40.7	46.0	47.3	47.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 2500	10.0	34.0	40.7	46.7	48.0	48.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 2000	10.0	34.0	40.7	46.7	48.0	48.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 1800	10.0	34.0	40.7	46.7	48.0	48.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 1500	10.0	36.0	44.7	50.7	53.3	54.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 1200	10.7	36.7	46.0	53.3	56.7	57.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 1000	10.7	38.0	48.7	56.7	60.7	61.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 900	10.7	38.7	50.0	58.7	62.7	63.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 800	10.7	40.0	52.7	62.0	67.3	68.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 700	10.7	41.3	54.0	65.3	71.3	73.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 600	10.7	42.0	56.0	68.0	74.0	76.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 500	10.7	42.0	56.7	68.7	76.7	78.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 400	10.7	42.7	57.3	69.3	78.0	80.7	86.7	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 300	10.7	42.7	58.0	70.0	79.3	82.7	93.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 200	10.7	42.7	58.0	70.0	80.0	83.3	94.7	95.3	95.3	95.3	95.3	95.3	96.7	96.7	96.7	96.7
≥ 100	10.7	42.7	58.0	70.0	80.0	83.3	94.7	95.3	95.3	95.3	95.3	95.3	97.3	97.3	97.3	97.3
0	10.7	42.7	58.0	70.0	80.0	83.3	94.7	95.3	95.3	95.3	95.3	95.3	97.3	97.3	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | SEP (MONTH) | 04 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	6.7	22.0	28.7	33.3	36.0	36.7	37.3	37.3	37.3	38.0	38.0	38.0	38.0	38.0	38.0	38.0
≥ 20000	6.7	22.7	30.0	34.7	37.3	38.0	38.7	38.7	38.7	39.3	39.3	39.3	39.3	39.3	39.3	39.3
≥ 18000	6.7	22.7	30.0	34.7	37.3	38.0	38.7	38.7	38.7	39.3	39.3	39.3	39.3	39.3	39.3	39.3
≥ 16000	6.7	22.7	30.0	34.7	37.3	38.0	38.7	38.7	38.7	39.3	39.3	39.3	39.3	39.3	39.3	39.3
≥ 14000	6.7	22.7	30.0	34.7	37.3	38.0	38.7	38.7	38.7	39.3	39.3	39.3	39.3	39.3	39.3	39.3
≥ 12000	6.7	22.7	30.0	34.7	37.3	38.0	38.7	38.7	38.7	39.3	39.3	39.3	39.3	39.3	39.3	39.3
≥ 10000	6.7	22.7	30.0	34.7	37.3	38.0	38.7	38.7	38.7	39.3	39.3	39.3	39.3	39.3	39.3	39.3
≥ 9000	6.7	22.7	30.0	34.7	37.3	38.0	38.7	38.7	38.7	39.3	39.3	39.3	39.3	39.3	39.3	39.3
≥ 8000	6.7	22.7	30.0	34.7	37.3	38.0	38.7	38.7	38.7	39.3	39.3	39.3	39.3	39.3	39.3	39.3
≥ 7000	6.7	22.7	30.0	34.7	37.3	38.0	38.7	38.7	38.7	39.3	39.3	39.3	39.3	39.3	39.3	39.3
≥ 6000	6.7	22.7	30.0	34.7	37.3	38.0	38.7	38.7	38.7	39.3	39.3	39.3	39.3	39.3	39.3	39.3
≥ 5000	6.7	22.7	30.7	35.3	38.0	38.7	39.3	39.3	39.3	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 4500	6.7	23.3	31.3	36.0	38.7	39.3	40.0	40.0	40.0	40.7	40.7	40.7	40.7	40.7	40.7	40.7
≥ 4000	6.7	23.3	31.3	36.0	38.7	39.3	40.0	40.0	40.0	40.7	40.7	40.7	40.7	40.7	40.7	40.7
≥ 3500	6.7	23.3	31.3	36.0	38.7	39.3	40.0	40.0	40.0	40.7	40.7	40.7	40.7	40.7	40.7	40.7
≥ 3000	6.7	24.0	32.0	36.7	39.3	40.0	40.7	40.7	40.7	41.3	41.3	41.3	41.3	41.3	41.3	41.3
≥ 2500	6.7	25.3	33.3	38.0	40.7	41.3	42.0	42.7	42.7	43.3	43.3	43.3	43.3	43.3	43.3	43.3
≥ 2000	6.7	25.3	34.0	38.7	41.3	42.0	42.7	43.3	43.3	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥ 1800	6.7	26.0	36.0	40.7	43.3	44.0	44.7	45.3	45.3	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 1500	6.7	26.7	39.3	44.0	46.7	48.0	48.7	49.3	49.3	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 1200	6.7	27.3	40.0	44.7	47.3	48.7	49.3	50.0	50.0	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 1000	7.3	31.3	46.0	52.7	56.7	58.0	58.7	59.3	59.3	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 900	7.3	31.3	46.7	53.3	58.0	59.3	60.0	60.7	60.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 800	7.3	32.7	48.7	56.0	62.0	63.3	64.0	64.7	64.7	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 700	7.3	32.7	48.7	56.7	64.0	66.7	68.0	68.7	68.7	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 600	7.3	32.7	48.7	56.7	64.7	67.3	70.7	71.3	71.3	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 500	7.3	33.3	49.3	58.0	66.7	69.3	73.3	74.0	74.0	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 400	7.3	33.3	49.3	58.7	68.7	72.7	78.0	79.3	79.3	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 300	7.3	33.3	49.3	59.3	70.0	74.7	82.7	86.0	86.0	87.3	87.3	87.3	88.0	88.0	88.0	88.0
≥ 200	7.3	33.3	49.3	59.3	70.0	75.3	84.0	88.0	88.0	90.7	90.7	90.7	92.0	92.0	92.0	92.0
≥ 100	7.3	33.3	49.3	59.3	70.0	75.3	84.0	88.7	88.7	93.3	93.3	93.3	96.0	96.0	96.0	96.0
≥ 0	7.3	33.3	49.3	59.3	70.0	75.3	84.0	88.7	88.7	93.3	93.3	93.3	96.0	96.0	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | SEP (MONTH) | 07 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	6.7	13.3	14.7	20.0	22.7	24.7	25.3	26.0	26.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
≥ 20000	6.7	13.3	14.7	20.0	23.3	25.3	26.0	26.7	26.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7
≥ 18000	6.7	13.3	14.7	20.0	23.3	25.3	26.0	26.7	26.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7
≥ 16000	6.7	13.3	14.7	20.0	23.3	25.3	26.0	26.7	26.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7
≥ 14000	6.7	13.3	15.3	20.7	24.0	26.0	26.7	27.3	27.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3
≥ 12000	6.7	13.3	15.3	20.7	24.0	26.0	26.7	27.3	27.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3
≥ 10000	6.7	14.7	16.7	23.3	26.7	28.7	29.3	30.0	30.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
≥ 9000	6.7	14.7	16.7	23.3	26.7	28.7	29.3	30.0	30.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
≥ 8000	6.7	14.7	16.7	23.3	26.7	28.7	29.3	30.0	30.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
≥ 7000	6.7	14.7	16.7	23.3	26.7	28.7	29.3	30.0	30.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
≥ 6000	6.7	14.7	16.7	23.3	26.7	28.7	29.3	30.0	30.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
≥ 5000	6.7	14.7	17.3	24.0	27.3	29.3	30.0	30.7	30.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7
≥ 4500	6.7	14.7	17.3	24.0	27.3	29.3	30.0	30.7	30.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7
≥ 4000	7.3	15.3	18.0	24.7	28.0	30.0	31.3	32.0	32.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
≥ 3500	8.0	16.0	18.7	25.3	28.7	30.7	32.0	32.7	32.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7
≥ 3000	8.0	16.0	19.3	26.0	29.3	31.3	32.7	33.3	33.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
≥ 2500	8.0	16.0	20.0	26.7	30.0	32.0	33.3	34.0	34.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
≥ 2000	8.0	17.3	21.3	28.7	32.7	34.7	36.7	38.0	38.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 1800	8.0	18.0	22.7	30.7	35.3	37.3	39.3	40.7	40.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 1500	8.7	19.3	24.7	36.0	42.0	44.7	48.0	49.3	49.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 1200	8.7	20.0	25.3	37.3	44.0	46.7	50.0	51.3	51.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 1000	9.3	21.3	27.3	39.3	46.7	49.3	53.3	55.3	55.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 900	9.3	22.0	28.0	40.7	48.0	50.7	55.3	57.3	57.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 800	9.3	22.0	28.0	41.3	51.3	54.0	60.0	62.7	62.7	65.3	66.0	66.0	66.0	66.0	66.0	66.0
≥ 700	9.3	22.0	28.0	42.0	52.0	54.7	61.3	65.3	66.0	69.3	70.0	70.0	70.0	70.0	70.0	70.0
≥ 600	9.3	22.0	28.0	42.0	52.0	55.3	62.0	66.0	66.7	71.3	72.0	72.0	72.0	72.0	72.0	72.0
≥ 500	9.3	22.0	28.0	42.0	52.0	55.3	62.7	68.0	68.7	74.7	76.0	76.0	76.0	76.0	76.0	76.0
≥ 400	9.3	22.0	28.0	42.0	52.0	56.0	64.0	70.0	70.7	78.7	80.0	80.0	80.0	80.0	80.0	80.0
≥ 300	9.3	22.0	28.0	42.0	52.0	56.0	65.3	72.7	73.3	82.7	84.7	85.3	85.3	85.3	85.3	85.3
≥ 200	9.3	22.0	28.0	42.0	52.0	56.0	66.0	73.3	74.0	84.0	87.3	88.0	88.7	89.3	89.3	89.3
≥ 100	9.3	22.0	28.0	42.0	52.0	56.0	66.0	74.0	74.7	85.3	88.7	89.3	91.3	93.3	94.0	96.0
0	9.3	22.0	28.0	42.0	52.0	56.0	66.0	74.0	74.7	85.3	88.7	89.3	91.3	94.0	95.3	100.0

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | SEP (MONTH) | 10 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	8.7	17.3	24.0	30.0	33.3	36.0	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
≥ 20000	8.7	17.3	24.0	30.0	33.3	36.0	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
≥ 18000	8.7	17.3	24.0	30.0	33.3	36.0	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
≥ 16000	8.7	17.3	24.0	30.0	33.3	36.0	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
≥ 14000	9.3	18.7	25.3	31.3	34.7	37.3	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
≥ 12000	9.3	18.7	25.3	31.3	34.7	37.3	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
≥ 10000	9.3	19.3	26.7	32.7	36.7	39.3	40.7	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
≥ 9000	9.3	19.3	26.7	33.3	37.3	40.0	41.3	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
≥ 8000	9.3	20.0	27.3	34.0	38.0	40.7	42.0	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 7000	9.3	20.0	27.3	34.7	38.7	41.3	42.7	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
≥ 6000	10.0	20.7	28.0	35.3	39.3	42.0	43.3	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥ 5000	10.0	21.3	28.7	36.0	40.0	42.7	44.0	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 4500	10.0	21.3	28.7	36.0	40.0	42.7	44.0	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 4000	11.3	22.7	30.0	37.3	41.3	44.0	45.3	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 3500	11.3	22.7	30.0	37.3	41.3	44.0	45.3	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 3000	12.0	23.3	30.7	38.0	42.0	44.7	46.0	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
≥ 2500	12.7	24.7	32.7	40.0	44.0	46.7	48.0	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 2000	12.7	25.3	34.0	42.0	46.7	50.0	52.0	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 1800	12.7	26.7	35.3	43.3	48.7	52.0	54.0	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 1500	12.7	29.3	39.3	49.3	55.3	58.7	61.3	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 1200	12.7	29.3	40.7	51.3	59.3	64.0	67.3	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 1000	12.7	29.3	41.3	54.0	65.3	71.3	75.3	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 900	12.7	29.3	42.0	54.7	66.7	72.7	76.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 800	12.7	29.3	42.0	54.7	68.7	75.3	79.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 700	12.7	30.0	42.7	55.3	69.3	76.0	81.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 600	12.7	30.0	42.7	55.3	70.0	78.7	85.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 500	12.7	30.0	42.7	55.3	70.0	78.7	85.3	90.7	90.7	92.7	94.0	94.0	94.0	94.0	94.0	94.0
≥ 400	12.7	30.0	42.7	55.3	70.0	78.7	85.3	92.0	92.0	94.7	96.0	96.0	96.0	96.0	96.0	96.0
≥ 300	12.7	30.0	42.7	55.3	70.0	80.0	86.7	94.0	94.7	97.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200	12.7	30.0	42.7	55.3	70.0	80.0	86.7	94.0	94.7	98.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	12.7	30.0	42.7	55.3	70.0	80.0	86.7	94.0	94.7	98.0	100.0	100.0	100.0	100.0	100.0	100.0
0	12.7	30.0	42.7	55.3	70.0	80.0	86.7	94.0	94.7	98.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

13 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	16.7	34.7	41.3	42.7	45.3	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
≥ 20000	16.7	34.7	43.3	44.7	47.3	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 18000	16.7	34.7	43.3	44.7	47.3	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 16000	16.7	34.7	43.3	44.7	47.3	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 14000	17.3	35.3	44.0	45.3	48.0	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 12000	17.3	35.3	44.0	45.3	48.0	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 10000	17.3	36.0	44.7	46.0	48.7	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 9000	17.3	36.0	44.7	46.7	49.3	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 8000	17.3	36.0	44.7	46.7	49.3	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 7000	17.3	36.7	46.0	48.0	50.7	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 6000	17.3	36.7	46.0	48.0	50.7	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 5000	17.3	36.7	46.0	48.0	50.7	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 4500	18.0	37.3	46.7	48.7	52.0	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 4000	18.7	38.7	48.0	50.0	53.3	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 3500	18.7	38.7	48.0	50.0	53.3	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 3000	18.7	38.7	48.7	50.7	54.0	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 2500	18.7	39.3	49.3	51.3	54.7	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 2000	18.7	41.3	51.3	54.7	58.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 1800	18.7	41.3	51.3	55.3	59.3	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 1500	19.3	42.7	55.3	61.3	67.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 1200	19.3	44.0	57.3	64.7	72.0	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 1000	19.3	44.7	59.3	68.0	77.3	82.0	82.0	82.0	82.0	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 900	19.3	44.7	59.3	68.7	78.0	82.7	82.7	82.7	82.7	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 800	19.3	44.7	59.3	68.7	78.0	82.7	82.7	83.3	83.3	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 700	19.3	44.7	59.3	70.0	80.0	86.0	87.3	88.0	88.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 600	19.3	44.7	59.3	71.3	81.3	88.0	89.3	90.0	90.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 500	19.3	44.7	59.3	71.3	81.3	88.0	90.7	92.7	92.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 400	19.3	44.7	59.3	71.3	81.3	89.3	92.0	94.7	94.7	98.0	98.0	98.7	98.7	98.7	98.7	98.7
≥ 300	19.3	44.7	59.3	71.3	81.3	90.0	93.3	96.0	96.0	99.3	99.3	100.0	100.0	100.0	100.0	100.0
≥ 200	19.3	44.7	59.3	71.3	81.3	90.0	93.3	96.0	96.0	99.3	99.3	100.0	100.0	100.0	100.0	100.0
≥ 100	19.3	44.7	59.3	71.3	81.3	90.0	93.3	96.0	96.0	99.3	99.3	100.0	100.0	100.0	100.0	100.0
0	19.3	44.7	59.3	71.3	81.3	90.0	93.3	96.0	96.0	99.3	99.3	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

16 HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	18.0	40.7	49.3	54.0	54.7	56.0	58.7	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 20000	19.3	42.7	51.3	56.0	57.3	58.7	61.3	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 18000	19.3	42.7	51.3	56.0	57.3	58.7	61.3	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 16000	19.3	42.7	51.3	56.0	57.3	58.7	61.3	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 14000	19.3	42.7	51.3	56.0	57.3	58.7	61.3	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 12000	19.3	42.7	51.3	56.0	57.3	58.7	61.3	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 10000	19.3	42.7	52.0	56.7	58.0	59.3	62.0	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 9000	19.3	42.7	52.0	56.7	58.0	59.3	62.0	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 8000	19.3	42.7	52.7	57.3	58.7	60.0	62.7	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 7000	20.0	43.3	53.3	58.0	59.3	60.7	63.3	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 6000	20.7	44.0	54.0	58.7	60.0	61.3	64.0	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 5000	21.3	44.7	54.7	59.3	60.7	62.0	64.7	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 4500	21.3	44.7	54.7	59.3	60.7	62.0	64.7	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 4000	21.3	44.7	54.7	59.3	60.7	62.0	64.7	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 3500	21.3	44.7	54.7	59.3	60.7	62.0	64.7	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 3000	22.0	45.3	55.3	60.0	61.3	62.7	65.3	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 2500	22.0	47.3	57.3	62.0	63.3	64.7	67.3	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 2000	22.7	51.3	62.0	66.7	68.0	69.3	72.0	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 1800	22.7	51.3	62.0	66.7	68.7	70.0	72.7	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 1500	23.3	52.7	64.0	68.7	70.7	72.0	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 1200	24.0	54.0	66.0	72.7	75.3	76.7	79.3	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 1000	24.0	54.7	66.7	74.7	80.7	82.7	85.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 900	24.0	54.7	67.3	75.3	81.3	84.0	86.7	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 800	24.0	54.7	67.3	76.0	82.0	84.7	87.3	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 700	24.0	54.7	67.3	76.0	82.7	88.7	91.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 600	24.0	54.7	67.3	76.0	82.7	88.7	91.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 500	24.0	54.7	67.3	76.7	83.3	90.0	93.3	95.3	95.3	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 400	24.0	54.7	67.3	76.7	83.3	90.0	93.3	96.0	96.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 300	24.0	54.7	67.3	76.7	83.3	90.0	93.3	96.0	96.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 200	24.0	54.7	67.3	77.3	84.0	91.3	94.7	97.3	97.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	24.0	54.7	67.3	77.3	84.0	91.3	94.7	97.3	97.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	24.0	54.7	67.3	77.3	84.0	91.3	94.7	97.3	97.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | SEP (MONTH) | 19 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	19.3	39.3	47.3	50.7	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 20000	20.0	40.7	48.7	52.0	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 18000	20.0	40.7	48.7	52.0	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 16000	20.0	40.7	48.7	52.0	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 14000	20.0	42.0	50.0	53.3	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 12000	20.0	42.0	50.7	54.0	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 10000	20.0	42.0	50.7	54.0	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 9000	20.0	42.0	50.7	54.0	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 8000	20.0	42.0	51.3	54.7	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 7000	20.7	42.7	52.0	55.3	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 6000	20.7	42.7	52.0	55.3	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 5000	20.7	42.7	52.7	56.0	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 4500	22.0	44.0	54.0	57.3	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 4000	22.0	44.0	54.0	57.3	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 3500	22.0	44.7	54.7	58.0	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 3000	22.0	44.7	54.7	58.0	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 2500	22.0	45.3	55.3	58.7	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 2000	22.7	47.3	58.0	61.3	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 1800	22.7	48.0	58.7	62.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 1500	23.3	49.3	61.3	64.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 1200	23.3	50.7	62.7	66.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 1000	23.3	51.3	64.7	70.0	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 900	23.3	51.3	64.7	70.0	76.0	76.0	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 800	24.0	52.7	67.3	73.3	82.0	82.0	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 700	24.0	53.3	68.7	75.3	85.3	86.7	88.0	88.0	88.0	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 600	24.0	53.3	68.7	75.3	86.0	87.3	89.3	89.3	89.3	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 500	24.0	54.0	69.3	76.0	87.3	88.7	92.7	93.3	93.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 400	24.0	54.0	69.3	76.0	87.3	88.7	94.0	94.7	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 300	24.0	54.0	69.3	76.0	88.0	89.3	95.3	96.0	96.0	98.0	98.7	98.7	98.7	98.7	98.7	98.7
≥ 200	24.0	54.0	69.3	76.0	88.0	89.3	96.0	96.7	96.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3
≥ 100	24.0	54.0	69.3	76.0	88.0	89.3	96.0	96.7	96.7	98.7	99.3	99.3	100.0	100.0	100.0	100.0
0	24.0	54.0	69.3	76.0	88.0	89.3	96.0	96.7	96.7	98.7	99.3	99.3	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 STATION | POINT MUGU, CALIFORNIA STATION NAME | 73-77 YEARS | SEP MONTH

22 HOURS (L S T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	16.0	43.3	48.0	50.7	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 20000	16.0	44.0	48.7	51.3	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 18000	16.0	44.0	48.7	51.3	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 16000	16.0	44.0	48.7	51.3	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 14000	16.0	44.0	48.7	51.3	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 12000	16.0	44.0	48.7	51.3	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 10000	16.0	44.0	48.7	51.3	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 9000	16.0	44.0	48.7	51.3	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 8000	16.0	44.0	49.3	52.0	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 7000	16.7	44.7	50.0	52.7	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 6000	16.7	44.7	50.0	52.7	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 5000	16.7	45.3	51.3	54.0	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 4500	18.7	47.3	53.3	56.0	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 4000	18.7	47.3	53.3	56.0	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 3500	18.7	47.3	53.3	56.0	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 3000	18.7	47.3	53.3	56.0	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 2500	18.7	48.0	54.0	56.7	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 2000	18.7	49.3	55.3	58.0	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 1800	18.7	49.3	55.3	58.0	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 1500	19.3	50.7	57.3	60.0	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 1200	19.3	51.3	58.7	61.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 1000	20.7	56.0	66.7	70.0	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 900	20.7	56.7	67.3	71.3	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 800	20.7	58.0	69.3	74.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 700	22.0	60.0	73.3	78.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 600	22.0	60.0	73.3	78.7	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 500	22.0	60.0	74.0	80.0	90.0	90.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 400	22.0	60.0	74.0	80.0	90.7	91.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 300	22.0	60.0	74.0	80.0	90.7	91.3	94.7	95.3	95.3	95.3	96.0	96.0	96.0	96.0	96.0	96.0
≥ 200	22.0	60.0	74.0	80.0	90.7	91.3	94.7	96.0	96.0	96.0	97.3	97.3	97.3	97.3	97.3	97.3
≥ 100	22.0	60.0	74.0	80.0	90.7	91.3	94.7	96.7	96.7	96.7	98.7	98.7	98.7	100.0	100.0	100.0
0	22.0	60.0	74.0	80.0	90.7	91.3	94.7	96.7	96.7	96.7	98.7	98.7	98.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | SEP (MONTH) | ALL (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	12.8	30.4	36.4	40.5	42.9	43.9	44.8	45.0	45.0	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 20000	13.0	31.0	37.5	41.6	44.2	45.2	46.1	46.3	46.3	46.6	46.6	46.6	46.6	46.6	46.6	46.6
≥ 18000	13.0	31.0	37.5	41.6	44.2	45.2	46.1	46.3	46.3	46.6	46.6	46.6	46.6	46.6	46.6	46.6
≥ 16000	13.0	31.0	37.5	41.6	44.2	45.2	46.1	46.3	46.3	46.6	46.6	46.6	46.6	46.6	46.6	46.6
≥ 14000	13.2	31.4	38.0	42.1	44.7	45.7	46.6	46.8	46.8	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 12000	13.2	31.4	38.1	42.3	44.8	45.8	46.8	46.9	46.9	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 10000	13.2	31.8	38.6	42.9	45.6	46.8	47.7	47.9	47.9	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 9000	13.2	31.8	38.6	43.1	45.8	46.9	47.8	48.1	48.1	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 8000	13.2	31.8	38.9	43.4	46.1	47.3	48.2	48.4	48.4	48.8	48.8	48.8	48.8	48.8	48.8	48.8
≥ 7000	13.4	32.2	39.3	43.9	46.6	47.8	48.7	48.9	48.9	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 6000	13.6	32.3	39.5	44.1	46.8	47.9	48.8	49.1	49.1	49.4	49.4	49.4	49.4	49.4	49.4	49.4
≥ 5000	13.7	32.7	40.2	44.8	47.4	48.6	49.5	49.8	49.8	50.1	50.1	50.1	50.1	50.1	50.1	50.1
≥ 4500	14.2	33.3	40.8	45.4	48.2	49.3	50.3	50.5	50.5	50.8	50.8	50.8	50.8	50.8	50.8	50.8
≥ 4000	14.5	33.8	41.3	45.8	48.6	49.8	50.8	51.0	51.0	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 3500	14.6	33.9	41.4	46.0	48.8	49.9	50.9	51.2	51.2	51.5	51.5	51.5	51.5	51.5	51.5	51.5
≥ 3000	14.8	34.2	41.8	46.4	49.2	50.3	51.3	51.6	51.6	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 2500	14.8	35.0	42.8	47.5	50.3	51.5	52.5	52.8	52.8	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 2000	15.0	36.4	44.6	49.6	52.7	53.9	55.1	55.5	55.5	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 1800	15.0	36.6	45.3	50.4	53.8	55.1	56.3	56.7	56.7	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 1500	15.4	38.3	48.3	54.3	58.4	60.1	61.5	61.9	61.9	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 1200	15.6	39.2	49.6	56.5	61.3	63.3	64.8	65.2	65.2	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 1000	15.9	40.8	52.6	60.7	67.3	69.4	71.1	71.7	71.7	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 900	15.9	41.1	53.2	61.6	68.4	70.7	72.5	73.2	73.2	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 800	16.0	41.8	54.3	63.3	71.4	73.8	75.8	76.6	76.6	77.1	77.2	77.2	77.2	77.2	77.2	77.2
≥ 700	16.2	42.3	55.3	64.9	73.8	77.3	79.8	80.9	81.0	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 600	16.2	42.4	55.5	65.4	74.8	78.6	81.8	83.1	83.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3
≥ 500	16.2	42.6	55.8	66.0	75.9	79.8	84.1	86.1	86.2	87.8	88.2	88.2	88.2	88.2	88.2	88.2
≥ 400	16.2	42.7	55.9	66.2	76.4	80.9	85.9	88.5	88.6	90.8	91.1	91.2	91.2	91.2	91.2	91.2
≥ 300	16.2	42.7	56.0	66.3	76.8	81.8	88.1	91.3	91.4	94.0	94.7	94.8	94.9	94.9	94.9	94.9
≥ 200	16.2	42.7	56.0	66.4	77.0	82.1	88.8	92.1	92.3	95.3	96.2	96.3	96.8	96.8	96.8	96.8
≥ 100	16.2	42.7	56.0	66.4	77.0	82.1	88.8	92.3	92.5	95.8	96.8	97.0	97.9	98.3	98.4	98.7
0	16.2	42.7	56.0	66.4	77.0	82.1	88.8	92.3	92.5	95.8	96.8	97.0	97.9	98.4	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1200

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | OCT (MONTH) | 01 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	17.4	38.7	44.5	48.4	52.3	53.6	55.5	55.5	55.5	56.1	56.1	56.1	56.8	56.8	57.4	58.7
≥ 20000	17.4	38.7	44.5	48.4	52.3	53.6	55.5	55.5	55.5	56.1	56.1	56.1	56.8	56.8	57.4	58.7
≥ 18000	17.4	38.7	44.5	48.4	52.3	53.6	55.5	55.5	55.5	56.1	56.1	56.1	56.8	56.8	57.4	58.7
≥ 16000	17.4	38.7	44.5	48.4	52.3	53.6	55.5	55.5	55.5	56.1	56.1	56.1	56.8	56.8	57.4	58.7
≥ 14000	17.4	38.7	44.5	48.4	52.3	53.6	55.5	55.5	55.5	56.1	56.1	56.1	56.8	56.8	57.4	58.7
≥ 12000	17.4	38.7	44.5	48.4	52.3	53.6	55.5	55.5	55.5	56.1	56.1	56.1	56.8	56.8	57.4	58.7
≥ 10000	17.4	38.7	44.5	48.4	52.3	53.6	55.5	55.5	55.5	56.1	56.1	56.1	56.8	56.8	57.4	58.7
≥ 9000	17.4	38.7	44.5	48.4	52.3	53.6	55.5	55.5	55.5	56.1	56.1	56.1	56.8	56.8	57.4	58.7
≥ 8000	17.4	38.7	44.5	48.4	52.3	53.6	55.5	55.5	55.5	56.1	56.1	56.1	56.8	56.8	57.4	58.7
≥ 7000	17.4	38.7	44.5	48.4	52.3	53.6	55.5	55.5	55.5	56.1	56.1	56.1	56.8	56.8	57.4	58.7
≥ 6000	17.4	38.7	44.5	48.4	52.3	53.6	55.5	55.5	55.5	56.1	56.1	56.1	56.8	56.8	57.4	58.7
≥ 5000	17.4	38.7	44.5	48.4	52.3	53.6	55.5	55.5	55.5	56.1	56.1	56.1	56.8	56.8	57.4	58.7
≥ 4500	18.1	39.4	45.2	49.0	52.9	54.2	56.1	56.1	56.1	56.8	56.8	56.8	57.4	57.4	58.1	59.4
≥ 4000	18.1	39.4	45.2	49.0	52.9	54.2	56.1	56.1	56.1	56.8	56.8	56.8	57.4	57.4	58.1	59.4
≥ 3500	18.1	39.4	45.2	49.0	52.9	54.2	56.1	56.1	56.1	56.8	56.8	56.8	57.4	57.4	58.1	59.4
≥ 3000	18.7	40.0	45.8	49.7	53.6	54.8	56.8	56.8	56.8	57.4	57.4	57.4	58.1	58.1	58.7	60.0
≥ 2500	18.7	41.3	47.1	51.0	54.8	56.1	58.1	58.1	58.1	58.7	58.7	58.7	59.4	59.4	60.0	61.3
≥ 2000	18.7	43.2	49.0	53.6	57.4	58.7	60.7	60.7	60.7	61.3	61.3	61.3	61.9	61.9	62.6	63.9
≥ 1800	18.7	43.2	49.0	53.6	57.4	58.7	60.7	61.3	61.3	61.9	61.9	61.9	62.6	62.6	63.2	64.5
≥ 1500	18.7	45.2	51.6	56.8	60.7	63.2	65.2	65.8	65.8	66.5	66.5	66.5	67.1	67.1	67.7	69.0
≥ 1200	18.7	46.5	53.6	59.4	63.2	65.8	67.7	68.4	68.4	69.0	69.0	69.0	69.7	69.7	70.3	71.6
≥ 1000	18.7	47.7	55.5	61.9	67.1	69.7	71.6	72.3	72.3	72.9	72.9	72.9	73.6	73.6	74.2	75.5
≥ 900	18.7	47.7	55.5	61.9	67.1	69.7	71.6	72.3	72.3	72.9	72.9	72.9	73.6	73.6	74.2	75.5
≥ 800	18.7	48.4	56.1	63.9	69.7	72.3	74.2	74.8	74.8	75.5	75.5	75.5	76.1	76.1	76.8	78.1
≥ 700	18.7	48.4	58.1	65.8	72.3	74.8	77.4	78.1	78.1	78.7	78.7	78.7	79.4	79.4	80.0	81.3
≥ 600	18.7	48.4	58.1	66.5	74.2	76.8	80.7	81.3	81.3	81.9	81.9	81.9	82.6	82.6	83.2	84.5
≥ 500	18.7	48.4	58.1	66.5	74.8	77.4	81.9	82.6	82.6	83.2	83.2	83.2	83.9	83.9	84.5	85.8
≥ 400	18.7	48.4	58.1	66.5	74.8	77.4	81.9	82.6	82.6	83.2	83.2	83.2	83.9	83.9	84.5	85.8
≥ 300	18.7	48.4	58.7	67.1	75.5	78.1	84.5	85.2	85.2	87.1	87.1	87.1	88.4	88.4	89.0	90.3
≥ 200	18.7	48.4	58.7	67.1	75.5	78.1	84.5	85.8	85.8	87.7	88.4	88.4	90.3	90.3	91.0	92.3
≥ 100	18.7	48.4	58.7	67.1	75.5	78.1	84.5	85.8	86.5	88.4	89.0	89.0	91.6	91.6	92.3	93.6
≥ 0	18.7	48.4	58.7	67.1	75.5	78.1	84.5	85.8	86.5	88.4	89.0	89.0	91.6	91.6	92.3	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | OCT (MONTH) | 04 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	18.1	41.9	43.9	47.1	50.3	51.6	52.3	53.6	53.6	53.6	53.6	53.6	54.2	54.2	54.2	54.8
≥ 20000	18.1	41.9	43.9	47.1	50.3	51.6	52.3	53.6	53.6	53.6	53.6	53.6	54.2	54.2	54.2	54.8
≥ 18000	18.1	41.9	43.9	47.1	50.3	51.6	52.3	53.6	53.6	53.6	53.6	53.6	54.2	54.2	54.2	54.8
≥ 16000	18.1	41.9	43.9	47.1	50.3	51.6	52.3	53.6	53.6	53.6	53.6	53.6	54.2	54.2	54.2	54.8
≥ 14000	18.1	41.9	44.5	47.7	51.0	52.3	52.9	54.2	54.2	54.2	54.2	54.2	54.8	54.8	54.8	55.5
≥ 12000	18.1	41.9	44.5	47.7	51.0	52.3	52.9	54.2	54.2	54.2	54.2	54.2	54.8	54.8	54.8	55.5
≥ 10000	18.1	41.9	44.5	47.7	51.0	52.3	52.9	54.2	54.2	54.2	54.2	54.2	54.8	54.8	54.8	55.5
≥ 9000	18.1	41.9	44.5	47.7	51.0	52.3	52.9	54.2	54.2	54.2	54.2	54.2	54.8	54.8	54.8	55.5
≥ 8000	18.1	41.9	44.5	47.7	51.6	52.9	53.6	54.8	54.8	54.8	54.8	54.8	55.5	55.5	55.5	56.1
≥ 7000	18.1	41.9	44.5	47.7	51.6	52.9	53.6	54.8	54.8	54.8	54.8	54.8	55.5	55.5	55.5	56.1
≥ 6000	18.1	41.9	44.5	47.7	51.6	52.9	53.6	54.8	54.8	54.8	54.8	54.8	55.5	55.5	55.5	56.1
≥ 5000	18.1	41.9	45.2	48.4	52.3	53.6	54.2	55.5	55.5	55.5	55.5	55.5	56.1	56.1	56.1	56.8
≥ 4500	18.1	42.6	45.8	49.7	53.6	54.8	55.5	56.8	56.8	56.8	56.8	56.8	57.4	57.4	57.4	58.1
≥ 4000	18.1	42.6	45.8	49.7	53.6	54.8	55.5	56.8	56.8	56.8	56.8	56.8	57.4	57.4	57.4	58.1
≥ 3500	18.1	42.6	45.8	49.7	53.6	54.8	55.5	56.8	56.8	56.8	56.8	56.8	57.4	57.4	57.4	58.1
≥ 3000	18.1	43.2	46.5	51.0	54.8	56.1	56.8	58.1	58.1	58.1	58.1	58.1	58.7	58.7	58.7	59.4
≥ 2500	18.1	43.9	47.1	52.3	56.1	57.4	58.1	59.4	59.4	59.4	59.4	59.4	60.0	60.0	60.0	60.7
≥ 2000	18.1	46.5	49.7	55.5	59.4	60.7	61.3	62.6	62.6	63.2	63.2	63.2	63.9	63.9	63.9	64.5
≥ 1800	18.1	46.5	49.7	56.1	60.0	61.3	61.9	63.2	63.2	63.9	63.9	63.9	64.5	64.5	64.5	65.2
≥ 1500	18.1	46.5	51.0	58.1	61.9	63.9	65.8	67.1	67.1	67.7	67.7	67.7	68.4	68.4	68.4	69.0
≥ 1200	18.1	46.5	51.0	58.1	61.9	63.9	65.8	67.1	67.1	67.7	67.7	67.7	68.4	68.4	68.4	69.0
≥ 1000	18.1	46.5	52.9	60.7	65.2	67.1	70.3	71.6	71.6	72.3	72.3	72.3	72.9	72.9	72.9	73.6
≥ 900	18.1	47.1	54.2	62.6	67.1	69.7	72.9	74.2	74.2	74.8	74.8	74.8	75.5	75.5	75.5	76.1
≥ 800	18.1	47.1	54.2	63.2	69.0	71.6	75.5	76.8	76.8	77.4	77.4	77.4	78.1	78.1	78.1	78.7
≥ 700	18.1	47.1	54.2	63.2	70.3	72.9	78.1	79.4	79.4	80.0	80.0	80.0	80.7	80.7	80.7	81.3
≥ 600	18.1	47.1	54.2	63.2	71.6	74.2	79.4	80.7	80.7	81.3	81.3	81.3	81.9	81.9	81.9	82.6
≥ 500	18.1	47.1	54.2	63.2	72.3	74.8	80.7	81.9	81.9	82.6	82.6	82.6	83.2	83.2	83.2	83.9
≥ 400	18.1	47.1	54.2	63.2	72.3	74.8	81.3	83.2	83.2	83.9	83.9	83.9	84.5	84.5	84.5	85.2
≥ 300	18.1	47.1	54.2	63.2	72.3	74.8	81.9	84.5	84.5	85.2	85.2	85.2	86.5	86.5	86.5	87.1
≥ 200	18.1	47.1	54.2	63.2	72.3	74.8	81.9	84.5	84.5	85.8	85.8	85.8	87.1	87.1	87.1	87.7
≥ 100	18.1	47.1	54.2	63.2	72.3	74.8	81.9	84.5	84.5	86.5	86.5	86.5	89.7	89.7	89.7	91.0
0	18.1	47.1	54.2	63.2	72.3	74.8	81.9	84.5	84.5	86.5	86.5	86.5	89.7	89.7	91.0	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | OCT (MONTH) | 07 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	25.2	31.6	34.8	36.8	39.4	40.7	41.9	42.6	43.2	45.2	45.8	45.8	45.8	45.8	45.8	47.1
≥ 20000	27.1	34.2	37.4	40.0	42.6	43.9	45.2	45.8	46.5	48.4	49.0	49.0	49.0	49.0	49.0	50.3
< 18000	27.1	34.2	37.4	40.0	42.6	43.9	45.2	45.8	46.5	48.4	49.0	49.0	49.0	49.0	49.0	50.3
≥ 16000	27.1	34.2	37.4	40.0	42.6	43.9	45.2	45.8	46.5	48.4	49.0	49.0	49.0	49.0	49.0	50.3
< 14000	27.7	34.8	38.1	40.7	43.9	45.2	46.5	47.1	47.7	50.3	51.0	51.0	51.0	51.0	51.0	52.3
≥ 12000	27.7	35.5	38.7	41.3	44.5	45.8	47.1	47.7	48.4	51.6	52.3	52.3	52.3	52.3	52.3	53.6
< 10000	27.7	35.5	38.7	41.9	45.2	46.5	47.7	48.4	49.0	52.3	52.9	52.9	52.9	52.9	52.9	54.2
≥ 9000	27.7	35.5	38.7	41.9	45.2	46.5	47.7	48.4	49.0	52.3	52.9	52.9	52.9	52.9	52.9	54.2
< 8000	27.7	35.5	38.7	41.9	45.2	46.5	47.7	48.4	49.0	52.3	52.9	52.9	52.9	52.9	52.9	54.2
≥ 7000	28.4	36.1	39.4	42.6	45.8	47.1	48.4	49.0	49.7	52.9	53.6	53.6	53.6	53.6	53.6	54.8
< 6000	28.4	36.1	39.4	42.6	45.8	47.1	48.4	49.0	49.7	52.9	53.6	53.6	53.6	53.6	53.6	54.8
≥ 5000	28.4	36.1	39.4	42.6	45.8	47.1	48.4	49.0	49.7	52.9	53.6	53.6	53.6	53.6	53.6	54.8
< 4500	28.4	36.1	39.4	42.6	45.8	47.1	48.4	49.0	49.7	52.9	53.6	53.6	53.6	53.6	53.6	54.8
≥ 4000	28.4	36.1	39.4	42.6	45.8	47.1	48.4	49.0	49.7	52.9	53.6	53.6	53.6	53.6	53.6	54.8
< 3500	28.4	36.1	39.4	42.6	45.8	47.1	48.4	49.0	49.7	52.9	53.6	53.6	53.6	53.6	53.6	54.8
≥ 3000	28.4	36.1	40.0	43.2	47.1	48.4	49.7	50.3	51.0	54.2	54.8	54.8	54.8	54.8	54.8	56.1
< 2500	28.4	36.1	41.3	44.5	49.0	50.3	51.6	52.3	52.9	56.1	56.8	56.8	56.8	56.8	56.8	58.1
≥ 2000	29.0	37.4	43.9	47.1	52.3	54.8	56.1	57.4	58.1	61.3	61.9	61.9	61.9	61.9	61.9	63.2
< 1800	29.0	37.4	43.9	47.7	53.6	56.1	57.4	58.7	59.4	63.2	63.9	63.9	63.9	63.9	63.9	65.2
≥ 1500	29.0	38.7	45.8	51.0	57.4	60.0	62.6	63.9	64.5	68.4	70.3	70.3	70.3	70.3	70.3	71.6
< 1200	29.0	39.4	46.5	51.6	58.7	61.9	65.2	66.5	67.1	71.0	72.9	72.9	72.9	72.9	72.9	74.2
≥ 1000	29.0	39.4	46.5	51.6	58.7	61.9	65.2	67.1	67.7	71.6	73.6	73.6	73.6	73.6	73.6	74.8
< 900	29.0	39.4	46.5	51.6	58.7	61.9	66.5	69.0	69.7	73.6	75.5	75.5	75.5	75.5	75.5	76.8
≥ 800	29.7	41.3	48.4	53.6	60.7	64.5	69.0	72.3	72.9	76.8	78.7	78.7	78.7	78.7	78.7	80.0
< 700	29.7	41.3	48.4	53.6	60.7	64.5	70.3	74.2	74.8	79.4	81.3	81.3	81.3	81.3	81.3	82.6
≥ 600	29.7	41.3	48.4	53.6	60.7	65.2	71.0	76.1	76.8	81.9	84.5	84.5	84.5	84.5	84.5	85.8
< 500	29.7	41.3	48.4	53.6	60.7	65.2	71.0	76.1	76.8	81.9	84.5	84.5	84.5	84.5	84.5	85.8
≥ 400	29.7	41.3	48.4	53.6	60.7	65.2	71.0	76.1	76.8	82.6	86.5	86.5	86.5	86.5	86.5	87.7
< 300	29.7	41.3	48.4	53.6	60.7	65.2	71.6	76.8	77.4	83.2	87.7	87.7	87.7	87.7	87.7	89.0
≥ 200	29.7	41.3	48.4	53.6	60.7	65.2	71.6	76.8	77.4	83.9	89.0	89.0	89.0	89.0	89.0	90.3
< 100	29.7	41.3	48.4	53.6	60.7	65.2	71.6	76.8	77.4	83.9	89.0	89.0	89.0	89.0	89.7	92.9
≥ 0	29.7	41.3	48.4	53.6	60.7	65.2	71.6	76.8	77.4	83.9	89.0	89.0	89.0	89.0	91.0	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

10 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	25.2	36.8	44.5	48.4	54.8	56.1	58.1	58.7	58.7	58.7	58.7	58.7	59.4	59.4	59.4	59.4
≥ 20000	25.2	37.4	45.2	49.0	55.5	57.4	59.4	60.0	60.0	60.0	60.0	60.0	60.7	60.7	60.7	60.7
≥ 18000	25.2	37.4	45.2	49.0	55.5	57.4	59.4	60.0	60.0	60.0	60.0	60.0	60.7	60.7	60.7	60.7
≥ 16000	25.2	37.4	45.2	49.0	55.5	57.4	59.4	60.0	60.0	60.0	60.0	60.0	60.7	60.7	60.7	60.7
≥ 14000	25.8	38.1	45.8	49.7	56.8	58.7	60.7	61.3	61.3	61.3	61.3	61.3	61.9	61.9	61.9	61.9
≥ 12000	26.5	38.7	46.5	50.3	57.4	59.4	61.9	62.6	62.6	62.6	62.6	62.6	63.2	63.2	63.2	63.2
≥ 10000	26.5	38.7	46.5	50.3	57.4	59.4	61.9	62.6	62.6	62.6	62.6	62.6	63.2	63.2	63.2	63.2
≥ 9000	26.5	38.7	46.5	50.3	57.4	59.4	61.9	62.6	62.6	62.6	62.6	62.6	63.2	63.2	63.2	63.2
≥ 8000	26.5	38.7	46.5	50.3	57.4	59.4	61.9	62.6	62.6	62.6	62.6	62.6	63.2	63.2	63.2	63.2
≥ 7000	26.5	39.4	47.1	51.0	58.1	60.0	62.6	63.2	63.2	63.2	63.2	63.2	63.9	63.9	63.9	63.9
≥ 6000	26.5	39.4	47.1	51.0	58.1	60.0	62.6	63.2	63.2	63.2	63.2	63.2	63.9	63.9	63.9	63.9
≥ 5000	26.5	39.4	47.1	51.0	58.1	60.0	62.6	63.2	63.2	63.2	63.2	63.2	63.9	63.9	63.9	63.9
≥ 4500	26.5	39.4	47.1	51.0	58.1	60.0	62.6	63.2	63.2	63.2	63.2	63.2	63.9	63.9	63.9	63.9
≥ 4000	26.5	39.4	47.1	51.0	58.1	60.0	62.6	63.2	63.2	63.2	63.2	63.2	63.9	63.9	63.9	63.9
≥ 3500	27.1	40.0	47.7	51.6	58.7	60.7	63.2	63.9	63.9	63.9	63.9	63.9	64.5	64.5	64.5	64.5
≥ 3000	28.4	41.3	49.0	53.6	60.7	62.6	65.2	65.8	65.8	65.8	65.8	65.8	66.5	66.5	66.5	66.5
≥ 2500	29.0	43.2	51.0	55.5	62.6	65.2	67.7	69.0	69.0	69.0	69.0	69.0	69.7	69.7	69.7	69.7
≥ 2000	29.7	44.5	53.6	58.1	65.8	68.4	71.0	72.3	72.3	72.3	72.3	72.3	72.9	72.9	72.9	72.9
≥ 1800	29.7	44.5	53.6	58.1	66.5	69.7	72.9	74.2	74.2	74.2	74.2	74.2	74.8	74.8	74.8	74.8
≥ 1500	29.7	44.5	55.5	60.0	70.3	73.6	77.4	79.4	79.4	79.4	79.4	79.4	80.0	80.0	80.0	80.0
≥ 1200	30.3	45.2	56.1	61.3	71.6	74.8	79.4	81.9	81.9	81.9	81.9	81.9	82.6	82.6	82.6	82.6
≥ 1000	30.3	45.2	56.8	61.9	72.3	76.1	81.9	84.5	84.5	84.5	84.5	84.5	85.2	85.2	85.2	85.2
≥ 900	30.3	45.2	56.8	61.9	72.3	76.1	83.2	85.8	85.8	85.8	85.8	85.8	86.5	86.5	86.5	86.5
≥ 800	30.3	45.2	56.8	61.9	72.3	76.1	83.2	86.5	86.5	86.5	86.5	86.5	87.1	87.1	87.1	87.1
≥ 700	30.3	45.2	57.4	63.2	73.6	77.4	85.2	88.4	88.4	89.0	89.0	89.0	89.7	89.7	89.7	89.7
≥ 600	30.3	45.8	58.1	63.9	74.2	79.4	87.1	91.6	91.6	92.3	92.3	92.3	92.9	92.9	92.9	92.9
≥ 500	30.3	45.8	58.1	63.9	74.2	79.4	87.7	93.6	93.6	94.8	94.8	94.8	95.5	95.5	95.5	95.5
≥ 400	30.3	45.8	58.1	63.9	74.2	79.4	87.7	93.6	93.6	95.5	95.5	95.5	96.1	96.1	96.1	96.1
≥ 300	30.3	45.8	58.1	63.9	74.2	79.4	89.0	95.5	95.5	97.4	97.4	97.4	98.1	98.1	98.1	98.1
≥ 200	30.3	45.8	58.1	63.9	74.2	79.4	89.0	95.5	95.5	98.1	98.7	98.7	99.4	99.4	99.4	99.4
≥ 100	30.3	45.8	58.1	63.9	74.2	79.4	89.0	95.5	95.5	98.1	98.7	98.7	99.4	99.4	99.4	99.4
0	30.3	45.8	58.1	63.9	74.2	79.4	89.0	95.5	95.5	98.1	98.7	98.7	99.4	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) POINT MUGU, CALIFORNIA (STATION NAME) 73-77 (YEARS) OCT (MONTH) 13 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	30.3	44.5	55.5	59.4	64.5	67.1	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 20000	31.0	46.5	57.4	62.6	69.0	71.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 18000	31.0	46.5	57.4	62.6	69.0	71.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 16000	31.0	46.5	57.4	62.6	69.7	72.3	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 14000	31.0	48.4	59.4	65.2	72.3	74.8	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 12000	31.6	49.0	60.0	65.8	73.6	76.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 10000	32.3	49.7	60.7	66.5	74.2	77.4	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 9000	32.3	49.7	60.7	66.5	74.2	77.4	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 8000	32.9	50.3	61.3	67.1	74.8	78.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 7000	32.9	50.3	61.3	67.1	74.8	78.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 6000	32.9	51.0	61.9	67.7	75.5	78.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 5000	32.9	51.0	61.9	67.7	75.5	78.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 4500	32.9	51.0	61.9	68.4	76.1	79.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 4000	33.6	51.6	62.6	69.0	76.8	80.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 3500	33.6	51.6	62.6	69.0	76.8	80.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 3000	33.6	52.9	63.9	70.3	78.1	81.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 2500	33.6	53.6	64.5	71.6	79.4	83.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 2000	34.2	54.8	65.8	72.9	80.7	84.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1800	34.2	54.8	65.8	72.9	80.7	84.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1500	34.2	54.8	66.5	74.2	81.9	85.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1200	34.2	54.8	66.5	74.2	81.9	86.5	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1000	34.2	55.5	67.7	75.5	83.2	87.7	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 900	34.2	55.5	67.7	75.5	83.2	87.7	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 800	34.2	55.5	67.7	75.5	84.5	89.0	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 700	34.2	55.5	67.7	75.5	84.5	89.0	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 600	34.2	55.5	67.7	75.5	84.5	89.0	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 500	34.2	55.5	67.7	75.5	84.5	89.0	92.9	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 400	34.2	55.5	67.7	75.5	85.2	91.0	95.5	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 300	34.2	55.5	67.7	75.5	85.2	91.0	95.5	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 200	34.2	55.5	67.7	75.5	85.2	91.0	95.5	97.4	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 100	34.2	55.5	67.7	75.5	85.2	91.0	95.5	97.4	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
0	34.2	55.5	67.7	75.5	85.2	91.0	95.5	97.4	97.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

16 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	31.2	46.8	57.8	62.3	67.5	69.5	71.4	72.1	72.1	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 20000	33.8	49.4	60.4	64.9	73.4	75.3	77.3	77.9	77.9	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 18000	33.8	49.4	60.4	64.9	73.4	75.3	77.3	77.9	77.9	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 16000	33.8	49.4	60.4	64.9	73.4	75.3	77.3	77.9	77.9	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 14000	34.4	50.7	61.7	66.2	75.3	77.3	79.2	79.9	79.9	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 12000	35.1	51.3	62.3	67.5	76.6	78.6	80.5	81.2	81.2	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 10000	35.1	51.3	62.3	67.5	77.3	79.2	81.2	81.8	81.8	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 9000	35.1	51.3	62.3	67.5	77.3	79.2	81.2	81.8	81.8	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 8000	35.1	51.3	62.3	67.5	77.3	79.2	81.2	81.8	81.8	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 7000	35.1	51.3	62.3	67.5	77.3	79.2	81.2	81.8	81.8	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 6000	35.1	51.3	62.3	67.5	77.3	79.2	81.2	81.8	81.8	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 5000	35.1	51.3	62.3	67.5	77.3	79.2	81.2	81.8	81.8	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 4500	35.7	52.0	63.0	69.5	79.2	81.2	83.1	83.8	83.8	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 4000	36.4	52.6	63.6	70.1	80.5	82.5	84.4	85.1	85.1	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 3500	36.4	52.6	63.6	70.1	80.5	82.5	84.4	85.1	85.1	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 3000	37.7	53.9	64.9	71.4	81.8	83.8	85.7	86.4	86.4	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 2500	38.3	54.6	65.6	72.1	82.5	84.4	86.4	87.0	87.0	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 2000	39.0	55.2	66.2	72.7	83.1	85.1	87.0	87.7	87.7	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 1800	39.0	55.2	66.2	72.7	83.1	85.1	87.0	87.7	87.7	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 1500	39.0	55.2	66.2	72.7	84.4	86.4	89.0	89.6	89.6	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1200	39.0	55.2	66.2	72.7	84.4	87.0	89.6	90.3	90.3	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 1000	39.6	55.8	66.9	73.4	86.4	89.0	92.2	92.9	92.9	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 900	39.6	55.8	66.9	73.4	86.4	89.0	92.2	92.9	92.9	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 800	39.6	56.5	67.5	74.0	87.0	89.6	92.9	93.5	93.5	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 700	39.6	56.5	67.5	74.0	87.0	89.6	92.9	93.5	93.5	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 600	39.6	56.5	67.5	74.0	87.0	89.6	92.9	94.2	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 500	39.6	56.5	67.5	74.0	87.0	89.6	92.9	94.2	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 400	39.6	56.5	67.5	74.0	87.0	90.3	94.2	95.5	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 300	39.6	56.5	67.5	74.0	87.0	90.3	95.5	97.4	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 200	39.6	56.5	67.5	74.0	87.0	90.3	95.5	98.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	39.6	56.5	67.5	74.0	87.0	90.3	95.5	98.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	39.6	56.5	67.5	74.0	87.0	90.3	95.5	98.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 154

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) POINT MUGU, CALIFORNIA (STATION NAME) 73-77 (YEARS) OCT (MONTH)

19 (HOURS (L S T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	28.4	49.0	58.1	63.2	63.9	65.2	66.5	67.1	67.1	67.1	67.1	67.1	67.7	67.7	67.7	67.7
≥ 20000	31.0	52.3	61.9	67.1	67.7	69.7	71.0	71.6	71.6	71.6	71.6	71.6	72.3	72.3	72.3	72.3
≥ 18000	31.0	52.9	62.6	67.7	68.4	70.3	71.6	72.3	72.3	72.3	72.3	72.3	72.9	72.9	72.9	72.9
≥ 16000	31.0	52.9	62.6	67.7	68.4	70.3	71.6	72.3	72.3	72.3	72.3	72.3	72.9	72.9	72.9	72.9
≥ 14000	31.0	52.9	62.6	67.7	68.4	70.3	71.6	72.3	72.3	72.3	72.3	72.3	72.9	72.9	72.9	72.9
≥ 12000	31.0	52.9	62.6	67.7	68.4	70.3	71.6	72.3	72.3	72.3	72.3	72.3	72.9	72.9	72.9	72.9
≥ 10000	31.0	52.9	62.6	67.7	68.4	70.3	71.6	72.3	72.3	72.3	72.3	72.3	72.9	72.9	72.9	72.9
≥ 9000	31.0	52.9	62.6	67.7	68.4	70.3	71.6	72.3	72.3	72.3	72.3	72.3	72.9	72.9	72.9	72.9
≥ 8000	31.0	52.9	62.6	67.7	68.4	70.3	71.6	72.3	72.3	72.3	72.3	72.3	72.9	72.9	72.9	72.9
≥ 7000	31.0	52.9	62.6	67.7	68.4	70.3	71.6	72.3	72.3	72.3	72.3	72.3	72.9	72.9	72.9	72.9
≥ 6000	31.0	52.9	62.6	67.7	69.0	71.0	72.3	72.9	72.9	72.9	72.9	72.9	73.6	73.6	73.6	73.6
≥ 5000	31.6	53.6	63.2	68.4	69.7	71.6	72.9	73.6	73.6	73.6	73.6	73.6	74.2	74.2	74.2	74.2
≥ 4500	31.6	53.6	63.2	68.4	69.7	71.6	72.9	73.6	73.6	73.6	73.6	73.6	74.2	74.2	74.2	74.2
≥ 4000	31.6	53.6	63.2	68.4	69.7	71.6	72.9	73.6	73.6	73.6	73.6	73.6	74.2	74.2	74.2	74.2
≥ 3500	32.3	54.2	63.9	69.0	70.3	72.3	73.6	74.2	74.2	74.2	74.2	74.2	74.8	74.8	74.8	74.8
≥ 3000	32.3	54.2	63.9	69.0	70.3	72.3	73.6	74.2	74.2	74.2	74.2	74.2	74.8	74.8	74.8	74.8
≥ 2500	32.9	57.4	67.1	72.3	73.6	75.5	76.8	77.4	77.4	77.4	77.4	77.4	78.1	78.1	78.1	78.1
≥ 2000	32.9	57.4	67.7	72.9	74.2	76.1	77.4	78.1	78.1	78.1	78.1	78.1	78.7	78.7	78.7	78.7
≥ 1800	32.9	58.1	68.4	73.6	74.8	76.8	78.1	78.7	78.7	78.7	78.7	78.7	79.4	79.4	79.4	79.4
≥ 1500	34.2	59.4	70.3	75.5	77.4	79.4	81.3	81.9	81.9	81.9	81.9	81.9	82.6	82.6	82.6	82.6
≥ 1200	34.2	59.4	70.3	75.5	78.1	80.0	81.9	82.6	82.6	82.6	82.6	82.6	83.2	83.2	83.2	83.2
≥ 1000	34.2	60.0	71.6	76.8	80.0	82.6	84.5	85.2	85.2	85.2	85.2	85.2	85.8	85.8	85.8	85.8
≥ 900	34.2	60.0	71.6	76.8	80.0	83.2	85.2	85.8	85.8	85.8	85.8	85.8	86.5	86.5	86.5	86.5
≥ 800	34.2	60.0	71.6	77.4	82.6	85.8	88.4	89.0	89.0	89.0	89.0	89.0	89.7	89.7	89.7	89.7
≥ 700	34.2	61.3	72.9	78.7	84.5	87.7	90.3	91.0	91.0	91.0	91.0	91.0	91.6	91.6	91.6	91.6
≥ 600	34.2	61.3	72.9	78.7	85.2	88.4	91.0	91.6	91.6	91.6	91.6	91.6	92.3	92.3	92.3	92.3
≥ 500	34.2	61.3	72.9	78.7	85.2	88.4	91.6	92.3	92.3	92.3	92.3	92.3	92.9	92.9	92.9	92.9
≥ 400	34.2	61.3	72.9	78.7	85.2	89.0	92.9	93.6	93.6	93.6	93.6	93.6	94.2	94.2	94.2	94.2
≥ 300	34.2	61.3	72.9	78.7	85.2	89.0	93.6	94.2	94.2	94.2	94.2	94.2	94.8	94.8	94.8	94.8
≥ 200	34.2	61.3	72.9	78.7	85.2	89.0	95.5	96.8	96.8	96.8	96.8	96.8	98.1	98.1	98.1	98.1
≥ 100	34.2	61.3	72.9	78.7	85.2	89.0	95.5	96.8	96.8	97.4	97.4	97.4	98.7	98.7	99.4	99.4
≥ 0	34.2	61.3	72.9	78.7	85.2	89.0	95.5	96.8	96.8	97.4	97.4	97.4	98.7	98.7	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

22 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	24.5	47.7	54.2	57.4	60.0	61.3	62.6	62.6	62.6	63.2	63.9	63.9	63.9	63.9	63.9	64.5
≥ 20000	24.5	49.0	55.5	58.7	61.3	62.6	63.9	63.9	63.9	64.5	65.2	65.2	65.2	65.2	65.2	65.8
≥ 18000	24.5	49.0	55.5	58.7	61.3	62.6	63.9	63.9	63.9	64.5	65.2	65.2	65.2	65.2	65.2	65.8
≥ 16000	24.5	49.0	55.5	58.7	61.3	62.6	63.9	63.9	63.9	64.5	65.2	65.2	65.2	65.2	65.2	65.8
≥ 14000	24.5	49.0	55.5	58.7	61.9	63.2	64.5	64.5	64.5	65.2	65.8	65.8	65.8	65.8	65.8	66.5
≥ 12000	24.5	49.0	55.5	58.7	61.9	63.2	64.5	64.5	64.5	65.2	65.8	65.8	65.8	65.8	65.8	66.5
≥ 10000	24.5	49.0	55.5	58.7	61.9	63.2	64.5	64.5	64.5	65.2	65.8	65.8	65.8	65.8	65.8	66.5
≥ 9000	25.2	49.7	56.1	59.4	62.6	63.9	65.2	65.2	65.2	65.8	66.5	66.5	66.5	66.5	66.5	67.1
≥ 8000	25.2	49.7	56.1	59.4	62.6	63.9	65.2	65.2	65.2	65.8	66.5	66.5	66.5	66.5	66.5	67.1
≥ 7000	25.2	49.7	56.1	59.4	62.6	63.9	65.2	65.2	65.2	65.8	66.5	66.5	66.5	66.5	66.5	67.1
≥ 6000	25.2	49.7	56.1	59.4	62.6	63.9	65.2	65.2	65.2	65.8	66.5	66.5	66.5	66.5	66.5	67.1
≥ 5000	25.2	49.7	56.1	59.4	62.6	63.9	65.2	65.2	65.2	65.8	66.5	66.5	66.5	66.5	66.5	67.1
≥ 4500	25.2	49.7	56.1	59.4	62.6	63.9	65.2	65.2	65.2	65.8	66.5	66.5	66.5	66.5	66.5	67.1
≥ 4000	25.2	49.7	56.1	59.4	62.6	63.9	65.2	65.2	65.2	65.8	66.5	66.5	66.5	66.5	66.5	67.1
≥ 3500	25.8	50.3	56.8	60.0	63.2	64.5	65.8	65.8	65.8	66.5	67.1	67.1	67.1	67.1	67.1	67.7
≥ 3000	25.8	50.3	56.8	60.0	63.2	64.5	65.8	65.8	65.8	66.5	67.1	67.1	67.1	67.1	67.1	67.7
≥ 2500	26.5	51.6	58.1	61.3	64.5	65.8	67.1	67.1	67.1	67.7	68.4	68.4	68.4	68.4	68.4	69.0
≥ 2000	27.1	53.6	60.0	63.2	66.5	67.7	69.0	69.0	69.0	69.7	70.3	70.3	70.3	70.3	70.3	71.0
≥ 1800	27.1	53.6	60.0	63.2	66.5	67.7	69.0	69.0	69.0	69.7	70.3	70.3	70.3	70.3	70.3	71.0
≥ 1500	27.7	56.1	63.2	66.5	70.3	71.6	72.9	73.6	73.6	74.2	74.8	74.8	74.8	74.8	74.8	75.5
≥ 1200	28.4	57.4	65.2	68.4	72.3	74.2	75.5	76.1	76.1	76.8	77.4	77.4	77.4	77.4	77.4	78.1
≥ 1000	28.4	58.7	67.1	71.0	74.8	76.8	78.1	78.7	78.7	79.4	80.0	80.0	80.0	80.0	80.0	80.7
≥ 900	28.4	58.7	67.1	71.0	74.8	76.8	78.1	78.7	78.7	79.4	80.0	80.0	80.0	80.0	80.0	80.7
≥ 800	28.4	60.0	68.4	72.9	78.7	81.3	82.6	83.2	83.2	83.9	84.5	84.5	84.5	84.5	84.5	85.2
≥ 700	28.4	60.0	68.4	72.9	79.4	81.9	83.2	83.9	83.9	84.5	85.2	85.2	85.2	85.2	85.2	85.8
≥ 600	28.4	60.0	68.4	72.9	80.0	82.6	83.9	84.5	84.5	85.2	85.8	85.8	85.8	85.8	85.8	86.5
≥ 500	28.4	60.7	69.0	73.6	80.7	83.2	84.5	85.2	85.2	85.8	86.5	86.5	86.5	86.5	86.5	87.1
≥ 400	28.4	60.7	69.7	74.2	81.3	83.9	85.2	85.8	85.8	86.5	87.1	87.1	87.1	87.1	87.1	87.7
≥ 300	28.4	60.7	69.7	74.8	81.9	84.5	87.1	88.4	88.4	89.0	89.7	89.7	89.7	89.7	89.7	90.3
≥ 200	28.4	60.7	69.7	74.8	81.9	84.5	88.4	90.3	90.3	91.0	91.6	91.6	91.6	91.6	91.6	92.3
≥ 100	28.4	60.7	69.7	74.8	81.9	84.5	88.4	90.3	90.3	91.0	91.6	91.6	92.9	92.9	93.6	94.2
0	28.4	60.7	69.7	74.8	81.9	84.5	88.4	90.3	90.3	91.0	91.6	91.6	92.9	92.9	93.6	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	25.0	42.1	49.2	52.9	56.6	58.1	59.6	60.1	60.1	60.6	60.8	60.8	61.1	61.1	61.2	61.7
≥ 20000	26.0	43.7	50.8	54.7	59.0	60.7	62.2	62.6	62.7	63.2	63.4	63.4	63.7	63.7	63.8	64.3
≥ 18000	26.0	43.7	50.9	54.8	59.1	60.8	62.2	62.7	62.8	63.3	63.4	63.4	63.8	63.8	63.8	64.3
≥ 16000	26.0	43.7	50.9	54.8	59.2	60.9	62.3	62.8	62.9	63.4	63.5	63.5	63.8	63.8	63.9	64.4
≥ 14000	26.2	44.3	51.5	55.5	60.2	61.9	63.4	63.8	63.9	64.5	64.7	64.7	65.0	65.0	65.1	65.5
≥ 12000	26.5	44.6	51.8	55.9	60.7	62.4	63.9	64.4	64.5	65.1	65.3	65.3	65.6	65.6	65.7	66.2
≥ 10000	26.6	44.7	51.9	56.1	60.9	62.7	64.3	64.7	64.8	65.5	65.6	65.6	65.9	65.9	66.0	66.5
≥ 9000	26.6	44.8	52.0	56.2	61.0	62.8	64.3	64.8	64.9	65.5	65.7	65.7	66.0	66.0	66.1	66.6
≥ 8000	26.7	44.9	52.1	56.3	61.2	63.0	64.5	65.0	65.1	65.7	65.9	65.9	66.2	66.2	66.3	66.8
≥ 7000	26.8	45.0	52.2	56.4	61.3	63.1	64.7	65.1	65.2	65.9	66.0	66.0	66.3	66.3	66.4	66.9
≥ 6000	26.8	45.1	52.3	56.5	61.5	63.3	64.8	65.3	65.4	66.0	66.2	66.2	66.5	66.5	66.6	67.1
≥ 5000	26.9	45.2	52.5	56.7	61.7	63.4	65.0	65.5	65.5	66.2	66.3	66.3	66.7	66.7	66.8	67.2
≥ 4500	27.0	45.4	52.7	57.2	62.2	64.0	65.5	66.0	66.1	66.8	66.9	66.9	67.2	67.2	67.3	67.8
≥ 4000	27.2	45.6	52.9	57.4	62.5	64.3	65.9	66.3	66.4	67.1	67.2	67.2	67.6	67.6	67.6	68.1
≥ 3500	27.4	45.8	53.1	57.6	62.7	64.6	66.1	66.6	66.7	67.3	67.5	67.5	67.8	67.8	67.9	68.4
≥ 3000	27.9	46.5	53.8	58.5	63.7	65.5	67.1	67.6	67.6	68.3	68.4	68.4	68.8	68.8	68.9	69.3
≥ 2500	28.2	47.7	55.2	60.1	65.3	67.2	68.8	69.3	69.4	70.1	70.2	70.2	70.5	70.5	70.6	71.1
≥ 2000	28.6	49.1	57.0	62.0	67.4	69.5	71.0	71.7	71.8	72.5	72.6	72.6	73.0	73.0	73.0	73.5
≥ 1800	28.6	49.2	57.1	62.2	67.8	70.0	71.6	72.3	72.4	73.2	73.4	73.4	73.7	73.7	73.8	74.3
≥ 1500	28.8	50.0	58.8	64.3	70.5	73.0	75.1	76.0	76.1	76.9	77.2	77.2	77.6	77.6	77.6	78.1
≥ 1200	29.0	50.5	59.4	65.1	71.5	74.3	76.8	77.7	77.8	78.6	78.9	78.9	79.3	79.3	79.3	79.8
≥ 1000	29.1	51.1	60.6	66.6	73.5	76.4	79.4	80.5	80.6	81.4	81.7	81.7	82.0	82.0	82.1	82.6
≥ 900	29.1	51.2	60.8	66.8	73.7	76.8	80.2	81.3	81.4	82.2	82.5	82.5	82.8	82.8	82.9	83.4
≥ 800	29.1	51.7	61.3	67.8	75.5	78.8	82.3	83.6	83.7	84.5	84.8	84.8	85.2	85.2	85.2	85.7
≥ 700	29.1	51.9	61.8	68.4	76.5	79.7	83.8	85.2	85.3	86.3	86.6	86.6	86.9	86.9	87.0	87.5
≥ 600	29.1	52.0	61.9	68.5	77.2	80.6	84.8	86.7	86.8	87.8	88.2	88.2	88.5	88.5	88.6	89.1
≥ 500	29.1	52.1	62.0	68.6	77.4	80.9	85.4	87.6	87.7	88.8	89.2	89.2	89.5	89.5	89.6	90.1
≥ 400	29.1	52.1	62.1	68.7	77.6	81.4	86.2	88.5	88.5	89.8	90.4	90.4	90.7	90.7	90.8	91.3
≥ 300	29.1	52.1	62.2	68.9	77.7	81.5	87.3	89.9	90.0	91.5	92.2	92.2	92.7	92.7	92.7	93.2
≥ 200	29.1	52.1	62.2	68.9	77.7	81.5	87.7	90.6	90.7	92.7	93.6	93.6	94.3	94.3	94.4	94.8
≥ 100	29.1	52.1	62.2	68.9	77.7	81.5	87.7	90.6	90.8	93.1	94.0	94.0	95.1	95.1	95.4	96.2
0	29.1	52.1	62.2	68.9	77.7	81.5	87.7	90.6	90.8	93.1	94.0	94.0	95.2	95.2	95.8	100.0

TOTAL NUMBER OF OBSERVATIONS 1239

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | NOV (MONTH) | 01 (HOURS (L S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	54.0	62.0	69.3	70.0	71.3	72.7	74.0	74.7	74.7	74.7	74.7	74.7	74.7	74.7	75.3	75.3
≥ 20000	54.7	63.3	70.7	71.3	72.7	74.0	75.3	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.7	76.7
≥ 18000	54.7	63.3	70.7	71.3	72.7	74.0	75.3	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.7	76.7
≥ 16000	54.7	63.3	70.7	71.3	72.7	74.0	75.3	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.7	76.7
≥ 14000	54.7	63.3	70.7	71.3	72.7	74.0	75.3	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.7	76.7
≥ 12000	54.7	63.3	70.7	71.3	72.7	74.0	75.3	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.7	76.7
≥ 10000	56.0	64.7	72.7	73.3	74.7	76.0	77.3	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.7	78.7
≥ 9000	56.7	65.3	73.3	74.0	75.3	76.7	78.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7	79.3	79.3
≥ 8000	56.7	65.3	73.3	74.0	75.3	76.7	78.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7	79.3	79.3
≥ 7000	56.7	65.3	73.3	74.0	75.3	76.7	78.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7	79.3	79.3
≥ 6000	56.7	65.3	73.3	74.0	75.3	76.7	78.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7	79.3	79.3
≥ 5000	56.7	65.3	73.3	74.0	75.3	76.7	78.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7	79.3	79.3
≥ 4500	56.7	65.3	73.3	74.0	75.3	76.7	78.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7	79.3	79.3
≥ 4000	56.7	65.3	73.3	74.0	75.3	76.7	78.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7	79.3	79.3
≥ 3500	56.7	65.3	73.3	74.0	75.3	76.7	78.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7	79.3	79.3
≥ 3000	56.7	65.3	73.3	74.0	75.3	76.7	78.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7	79.3	79.3
≥ 2500	56.7	66.0	74.0	74.7	76.0	77.3	78.7	79.3	79.3	79.3	79.3	79.3	79.3	79.3	80.0	80.0
≥ 2000	56.7	68.0	76.0	76.7	78.0	79.3	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	82.0	82.0
≥ 1800	56.7	68.0	76.0	76.7	78.0	79.3	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	82.0	82.0
≥ 1500	56.7	68.0	76.7	77.3	78.7	80.7	82.0	82.7	82.7	82.7	82.7	82.7	82.7	82.7	83.3	83.3
≥ 1200	56.7	68.0	76.7	78.0	79.3	81.3	82.7	83.3	83.3	83.3	83.3	83.3	83.3	83.3	84.0	84.0
≥ 1000	56.7	69.3	79.3	80.7	82.0	84.0	85.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.7	86.7
≥ 900	56.7	69.3	79.3	80.7	82.0	84.0	85.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.7	86.7
≥ 800	56.7	70.7	80.7	82.0	84.0	86.0	87.3	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.7	88.7
≥ 700	56.7	70.7	80.7	82.0	86.0	88.0	89.3	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.7	90.7
≥ 600	56.7	70.7	80.7	82.0	86.0	88.0	90.0	90.7	90.7	90.7	90.7	90.7	90.7	90.7	91.3	91.3
≥ 500	56.7	70.7	80.7	82.0	86.0	88.0	90.0	90.7	90.7	90.7	90.7	90.7	90.7	90.7	91.3	91.3
≥ 400	56.7	70.7	80.7	82.0	86.0	88.0	90.0	90.7	90.7	90.7	90.7	90.7	90.7	90.7	91.3	92.0
≥ 300	56.7	70.7	80.7	82.0	86.7	88.7	91.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.7	93.3
≥ 200	56.7	70.7	80.7	82.0	86.7	88.7	91.3	92.7	92.7	92.7	93.3	93.3	93.3	93.3	94.7	95.3
≥ 100	56.7	70.7	80.7	82.0	86.7	88.7	91.3	92.7	92.7	92.7	93.3	93.3	93.3	93.3	94.7	95.3
0	56.7	70.7	80.7	82.0	86.7	88.7	91.3	92.7	92.7	92.7	93.3	93.3	93.3	93.3	95.3	100.0

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | NOV (MONTH) | 04 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	52.0	67.3	70.7	71.3	74.0	76.0	76.7	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	78.0
≥ 20000	52.0	68.0	71.3	72.0	74.7	76.7	78.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	79.3
≥ 18000	52.0	68.0	71.3	72.0	74.7	76.7	78.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	79.3
≥ 16000	52.0	68.0	71.3	72.0	74.7	76.7	78.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	79.3
≥ 14000	52.0	68.0	71.3	72.0	74.7	76.7	78.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	79.3
≥ 12000	52.0	68.0	71.3	72.0	74.7	76.7	78.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	79.3
≥ 10000	52.7	68.7	72.0	72.7	75.3	77.3	78.7	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	80.0
≥ 9000	52.7	68.7	72.0	72.7	75.3	77.3	78.7	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	80.0
≥ 8000	52.7	69.3	72.7	73.3	76.0	78.0	79.3	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.7
≥ 7000	52.7	69.3	72.7	73.3	76.0	78.0	79.3	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.7
≥ 6000	52.7	69.3	72.7	73.3	76.0	78.0	79.3	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.7
≥ 5000	52.7	69.3	72.7	73.3	76.0	78.0	79.3	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.7
≥ 4500	52.7	69.3	72.7	73.3	76.0	78.0	79.3	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.7
≥ 4000	52.7	70.0	73.3	74.0	76.7	78.7	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	81.3
≥ 3500	52.7	70.0	73.3	74.0	76.7	78.7	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	81.3
≥ 3000	52.7	70.0	73.3	74.0	76.7	78.7	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	81.3
≥ 2500	53.3	72.0	75.3	76.0	78.7	80.7	82.0	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	83.3
≥ 2000	53.3	72.7	76.7	77.3	80.0	82.0	83.3	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.7
≥ 1800	53.3	72.7	76.7	77.3	80.0	82.0	83.3	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.7
≥ 1500	53.3	72.7	77.3	78.0	81.3	84.0	85.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	87.3
≥ 1200	53.3	73.3	79.3	80.0	83.3	86.0	87.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	89.3
≥ 1000	53.3	74.0	80.0	80.7	84.7	87.3	88.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.7
≥ 900	53.3	74.7	80.7	81.3	86.0	88.7	90.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	92.0
≥ 800	53.3	74.7	80.7	81.3	86.0	88.7	90.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	92.0
≥ 700	53.3	74.7	80.7	81.3	86.0	88.7	90.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.7
≥ 600	53.3	74.7	80.7	81.3	86.7	89.3	91.3	92.7	92.7	93.3	93.3	93.3	93.3	93.3	93.3	94.0
≥ 500	53.3	74.7	80.7	81.3	86.7	89.3	91.3	92.7	92.7	93.3	93.3	93.3	93.3	93.3	93.3	94.0
≥ 400	53.3	74.7	80.7	81.3	86.7	89.3	91.3	92.7	92.7	93.3	93.3	93.3	93.3	93.3	93.3	94.0
≥ 300	53.3	74.7	80.7	81.3	86.7	89.3	91.3	93.3	93.3	94.7	94.7	94.7	94.7	94.7	94.7	95.3
≥ 200	53.3	74.7	80.7	81.3	86.7	89.3	91.3	93.3	93.3	94.7	94.7	94.7	94.7	94.7	94.7	95.3
≥ 100	53.3	74.7	80.7	81.3	86.7	89.3	91.3	93.3	93.3	94.7	94.7	94.7	94.7	94.7	94.7	96.0
0	53.3	74.7	80.7	81.3	86.7	89.3	91.3	93.3	93.3	94.7	94.7	94.7	94.7	94.7	94.7	100.0

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | NOV (MONTH) | 07 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	53.3	62.0	64.0	65.3	66.0	66.7	67.3	67.3	67.3	70.0	70.0	70.0	70.0	70.0	70.0	71.3
≥ 20000	58.7	67.3	69.3	70.7	71.3	72.7	73.3	73.3	73.3	76.0	76.0	76.0	76.0	76.0	76.0	77.3
≥ 18000	58.7	67.3	69.3	70.7	71.3	72.7	73.3	73.3	73.3	76.0	76.0	76.0	76.0	76.0	76.0	77.3
≥ 16000	58.7	68.0	70.0	71.3	72.0	73.3	74.0	74.0	74.0	76.7	76.7	76.7	76.7	76.7	76.7	78.0
≥ 14000	59.3	68.7	70.7	72.0	72.7	74.0	74.7	74.7	74.7	77.3	77.3	77.3	77.3	77.3	77.3	78.7
≥ 12000	59.3	68.7	70.7	72.0	72.7	74.0	74.7	74.7	74.7	77.3	77.3	77.3	77.3	77.3	77.3	78.7
≥ 10000	59.3	70.0	72.0	73.3	74.0	75.3	76.0	76.0	76.0	78.7	78.7	78.7	78.7	78.7	78.7	80.0
≥ 9000	59.3	70.0	72.0	73.3	74.0	75.3	76.0	76.0	76.0	78.7	78.7	78.7	78.7	78.7	78.7	80.0
≥ 8000	60.0	70.7	72.7	74.0	74.7	76.0	76.7	76.7	76.7	79.3	79.3	79.3	79.3	79.3	79.3	80.7
≥ 7000	60.0	70.7	72.7	74.0	74.7	76.0	76.7	76.7	76.7	79.3	79.3	79.3	79.3	79.3	79.3	80.7
≥ 6000	60.0	70.7	72.7	74.0	74.7	76.0	76.7	76.7	76.7	79.3	79.3	79.3	79.3	79.3	79.3	80.7
≥ 5000	60.0	70.7	72.7	74.0	74.7	76.0	76.7	76.7	76.7	79.3	79.3	79.3	79.3	79.3	79.3	80.7
≥ 4500	60.0	70.7	72.7	74.0	74.7	76.0	76.7	76.7	76.7	79.3	79.3	79.3	79.3	79.3	79.3	80.7
≥ 4000	60.0	70.7	72.7	74.0	74.7	76.0	76.7	76.7	76.7	79.3	79.3	79.3	79.3	79.3	79.3	80.7
≥ 3500	60.0	70.7	72.7	74.0	74.7	76.0	76.7	76.7	76.7	79.3	79.3	79.3	79.3	79.3	79.3	80.7
≥ 3000	60.0	71.3	73.3	74.7	75.3	76.7	77.3	77.3	77.3	80.0	80.0	80.0	80.0	80.0	80.0	81.3
≥ 2500	60.0	72.0	74.0	75.3	76.0	77.3	78.0	78.7	78.7	81.3	81.3	81.3	81.3	81.3	81.3	82.7
≥ 2000	60.7	73.3	75.3	76.7	77.3	78.7	79.3	80.0	80.0	83.3	83.3	83.3	83.3	83.3	83.3	84.7
≥ 1800	60.7	73.3	75.3	76.7	77.3	79.3	80.0	80.7	80.7	84.0	84.0	84.0	84.0	84.0	84.0	85.3
≥ 1500	61.3	74.7	76.7	78.7	80.0	82.7	84.0	84.7	84.7	88.7	88.7	88.7	89.3	89.3	89.3	90.7
≥ 1200	61.3	75.3	77.3	79.3	80.7	83.3	84.7	85.3	85.3	89.3	89.3	89.3	90.0	90.0	90.0	91.3
≥ 1000	61.3	76.7	78.7	80.7	82.0	84.7	86.0	86.7	86.7	90.7	91.3	91.3	92.0	92.0	92.0	93.3
≥ 900	61.3	76.7	78.7	80.7	82.0	84.7	86.0	86.7	86.7	90.7	91.3	91.3	92.0	92.0	92.0	93.3
≥ 800	61.3	76.7	78.7	82.0	83.3	86.0	87.3	88.0	88.0	92.0	92.7	92.7	93.3	93.3	93.3	94.7
≥ 700	61.3	76.7	79.3	82.7	84.0	86.7	88.0	88.7	88.7	93.3	94.0	94.0	94.7	94.7	94.7	96.0
≥ 600	61.3	76.7	79.3	82.7	84.0	86.7	88.0	88.7	88.7	93.3	94.0	94.0	94.7	94.7	94.7	96.0
≥ 500	61.3	76.7	79.3	82.7	84.0	86.7	88.0	88.7	88.7	94.0	94.7	94.7	95.3	95.3	95.3	96.7
≥ 400	61.3	76.7	79.3	82.7	84.0	86.7	88.0	88.7	88.7	94.0	94.7	94.7	95.3	95.3	95.3	96.7
≥ 300	61.3	76.7	79.3	82.7	84.0	86.7	88.0	88.7	88.7	94.7	95.3	95.3	96.0	96.0	96.0	98.0
≥ 200	61.3	76.7	79.3	82.7	84.0	86.7	88.0	88.7	88.7	94.7	95.3	95.3	96.0	96.0	96.0	98.0
≥ 100	61.3	76.7	79.3	82.7	84.0	86.7	88.0	88.7	88.7	94.7	95.3	95.3	96.0	96.0	96.0	98.0
0	61.3	76.7	79.3	82.7	84.0	86.7	88.0	88.7	88.7	94.7	95.3	95.3	96.0	96.0	96.0	100.0

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

10 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	56.7	62.0	64.0	66.0	69.3	72.0	73.3	73.3	73.3	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 20000	61.3	68.0	71.3	73.3	76.7	79.3	80.7	80.7	80.7	81.3	81.3	81.3	81.3	81.3	81.3	82.0
≥ 18000	62.7	69.3	72.7	74.7	78.0	80.7	82.0	82.0	82.0	82.7	82.7	82.7	82.7	82.7	82.7	83.3
≥ 16000	62.7	69.3	73.3	75.3	78.7	81.3	82.7	82.7	82.7	83.3	83.3	83.3	83.3	83.3	83.3	84.0
≥ 14000	63.3	70.0	74.0	76.0	79.3	82.0	83.3	83.3	83.3	84.0	84.0	84.0	84.0	84.0	84.0	84.7
≥ 12000	63.3	70.0	74.0	76.0	79.3	82.0	83.3	83.3	83.3	84.0	84.0	84.0	84.0	84.0	84.0	84.7
≥ 10000	63.3	70.0	74.0	76.0	79.3	82.0	83.3	83.3	83.3	84.0	84.0	84.0	84.0	84.0	84.0	84.7
≥ 9000	63.3	70.0	74.0	76.0	79.3	82.0	83.3	83.3	83.3	84.0	84.0	84.0	84.0	84.0	84.0	84.7
≥ 8000	63.3	70.0	74.0	76.0	79.3	82.0	83.3	83.3	83.3	84.0	84.0	84.0	84.0	84.0	84.0	84.7
≥ 7000	63.3	70.0	74.0	76.0	79.3	82.0	83.3	83.3	83.3	84.0	84.0	84.0	84.0	84.0	84.0	84.7
≥ 6000	63.3	70.0	74.0	76.0	79.3	82.0	83.3	83.3	83.3	84.0	84.0	84.0	84.0	84.0	84.0	84.7
≥ 5000	63.3	70.0	74.0	76.0	79.3	82.0	83.3	83.3	83.3	84.0	84.0	84.0	84.0	84.0	84.0	84.7
≥ 4500	63.3	70.0	74.0	76.0	79.3	82.0	83.3	83.3	83.3	84.0	84.0	84.0	84.0	84.0	84.0	84.7
≥ 4000	64.0	70.7	74.7	76.7	80.0	82.7	84.0	84.0	84.0	84.7	84.7	84.7	84.7	84.7	84.7	85.3
≥ 3500	64.0	70.7	74.7	76.7	80.0	82.7	84.0	84.0	84.0	84.7	84.7	84.7	84.7	84.7	84.7	85.3
≥ 3000	64.0	70.7	74.7	76.7	80.0	82.7	84.7	85.3	85.3	86.0	86.0	86.0	86.0	86.0	86.0	86.7
≥ 2500	64.0	72.0	76.7	78.7	82.0	84.7	86.7	87.3	87.3	88.0	88.0	88.0	88.0	88.0	88.0	88.7
≥ 2000	64.7	72.7	77.3	79.3	82.7	85.3	87.3	88.0	88.0	88.7	88.7	88.7	88.7	88.7	88.7	89.3
≥ 1800	64.7	73.3	78.0	80.0	83.3	86.0	88.0	88.7	88.7	89.3	90.0	90.0	90.0	90.0	90.0	90.7
≥ 1500	65.3	74.0	79.3	81.3	85.3	88.7	90.7	91.3	91.3	92.0	92.7	92.7	92.7	92.7	92.7	93.3
≥ 1200	65.3	74.0	79.3	81.3	85.3	88.7	91.3	92.0	92.0	92.7	93.3	93.3	93.3	93.3	93.3	94.0
≥ 1000	66.0	74.7	80.0	82.0	86.0	89.3	92.0	93.3	93.3	94.0	94.7	94.7	94.7	94.7	94.7	95.3
≥ 900	66.0	74.7	80.0	82.0	86.0	89.3	92.0	93.3	93.3	94.0	94.7	94.7	94.7	94.7	94.7	95.3
≥ 800	66.0	74.7	80.0	82.0	86.0	89.3	92.0	94.0	94.0	94.7	95.3	95.3	95.3	95.3	95.3	96.0
≥ 700	66.0	74.7	80.0	82.0	86.7	90.0	93.3	95.3	95.3	96.0	96.7	96.7	96.7	96.7	96.7	97.3
≥ 600	66.0	74.7	80.0	82.0	86.7	90.0	93.3	95.3	95.3	96.7	97.3	97.3	97.3	97.3	97.3	98.0
≥ 500	66.0	74.7	80.0	82.0	86.7	90.0	93.3	95.3	95.3	96.7	97.3	97.3	97.3	97.3	97.3	98.0
≥ 400	66.0	74.7	80.0	82.0	86.7	90.0	93.3	95.3	95.3	97.3	98.0	98.0	98.0	98.0	98.0	98.7
≥ 300	66.0	74.7	80.0	82.0	86.7	90.0	93.3	95.3	95.3	97.3	98.0	98.0	98.0	98.0	98.0	98.7
≥ 200	66.0	74.7	80.0	82.0	86.7	90.0	93.3	95.3	95.3	97.3	98.0	98.0	98.0	98.0	98.7	99.3
≥ 100	66.0	74.7	80.0	82.0	86.7	90.0	93.3	95.3	95.3	97.3	98.0	98.0	98.0	98.0	98.7	99.3
0	66.0	74.7	80.0	82.0	86.7	90.0	93.3	95.3	95.3	97.3	98.0	98.0	98.0	98.0	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | NOV (MONTH)

13 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	54.0	58.7	63.3	68.0	72.0	72.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.7	74.7
≥ 20000	58.0	64.0	69.3	74.7	80.0	80.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.7	82.7
≥ 18000	58.7	64.7	70.0	75.3	80.7	81.3	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	83.3	83.3
≥ 16000	59.3	66.0	71.3	76.7	82.0	82.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.7	84.7
≥ 14000	60.7	68.0	73.3	78.7	84.0	84.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.7	86.7
≥ 12000	62.0	69.3	74.7	80.0	85.3	86.0	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	88.0	88.0
≥ 10000	62.0	70.0	75.3	80.7	86.0	86.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.7	88.7
≥ 9000	62.0	70.7	76.0	81.3	86.7	87.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	89.3	89.3
≥ 8000	62.0	71.3	76.7	82.0	87.3	88.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	90.0	90.0
≥ 7000	62.0	71.3	76.7	82.0	87.3	88.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	90.0	90.0
≥ 6000	62.0	71.3	76.7	82.0	87.3	88.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	90.0	90.0
≥ 5000	62.0	71.3	76.7	82.0	87.3	88.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	90.0	90.0
≥ 4500	62.0	71.3	76.7	82.0	87.3	88.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	90.0	90.0
≥ 4000	62.0	71.3	76.7	82.0	87.3	88.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	90.0	90.0
≥ 3500	62.0	71.3	76.7	82.0	87.3	88.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	90.0	90.0
≥ 3000	62.0	71.3	76.7	82.0	87.3	88.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.7	90.7
≥ 2500	62.0	71.3	76.7	82.0	87.3	88.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.7	90.7
≥ 2000	62.0	72.0	77.3	82.7	88.0	89.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	91.3	91.3
≥ 1800	62.7	72.7	78.0	83.3	88.7	90.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	92.0	92.0
≥ 1500	64.0	74.0	79.3	84.7	90.0	91.3	92.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3	94.0	94.0
≥ 1200	64.0	74.0	79.3	84.7	90.0	91.3	93.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.7	94.7
≥ 1000	64.0	74.0	79.3	84.7	90.7	92.7	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	96.0	96.0
≥ 900	64.0	74.0	79.3	84.7	90.7	92.7	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	96.0	96.0
≥ 800	64.0	74.0	79.3	84.7	91.3	93.3	95.3	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.7	96.7
≥ 700	64.0	74.0	79.3	84.7	91.3	93.3	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	98.0	98.0
≥ 600	64.0	74.0	79.3	84.7	91.3	93.3	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	98.0	98.0
≥ 500	64.0	74.0	79.3	84.7	91.3	93.3	96.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.7	98.7
≥ 400	64.0	74.0	79.3	84.7	91.3	93.3	96.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.7	98.7
≥ 300	64.0	74.0	79.3	84.7	91.3	93.3	96.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.7	98.7
≥ 200	64.0	74.0	79.3	84.7	91.3	94.0	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	100.0	100.0
≥ 100	64.0	74.0	79.3	84.7	91.3	94.0	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	100.0	100.0
0	64.0	74.0	79.3	84.7	91.3	94.0	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | NOV (MONTH)

16 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	54.0	66.0	69.3	74.0	74.7	77.3	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 20000	58.0	70.7	74.0	78.7	80.0	82.7	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 18000	58.7	71.3	74.7	79.3	80.7	83.3	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 16000	59.3	72.0	75.3	80.0	81.3	84.0	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 14000	60.0	72.7	76.7	81.3	82.7	85.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 12000	60.0	72.7	76.7	81.3	82.7	85.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 10000	60.7	73.3	77.3	82.0	83.3	86.0	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 9000	60.7	74.0	78.0	82.7	84.0	86.7	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 8000	60.7	74.0	78.0	82.7	84.0	86.7	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 7000	60.7	74.0	78.0	82.7	84.0	86.7	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 6000	60.7	74.0	78.0	82.7	84.0	86.7	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 5000	60.7	74.0	78.0	82.7	84.0	86.7	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 4500	60.7	74.0	78.0	82.7	84.0	86.7	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 4000	60.7	74.0	78.0	82.7	84.0	86.7	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 3500	60.7	74.7	78.7	83.3	84.7	87.3	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 3000	61.3	76.0	80.0	84.7	86.0	88.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 2500	61.3	76.7	81.3	86.0	87.3	90.0	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 2000	61.3	76.7	81.3	86.0	87.3	90.0	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1800	61.3	76.7	81.3	86.0	87.3	90.0	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1500	61.3	76.7	81.3	86.0	87.3	90.0	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1200	61.3	76.7	81.3	86.0	88.0	90.7	91.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1000	61.3	76.7	81.3	86.7	88.7	92.0	92.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 900	62.0	77.3	82.0	87.3	89.3	92.7	93.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 800	62.0	78.0	83.3	89.3	91.3	94.7	95.3	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 700	62.0	78.0	83.3	89.3	91.3	95.3	96.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 600	62.0	78.0	83.3	90.0	92.0	96.0	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 500	62.0	78.0	83.3	90.0	92.0	96.0	96.7	97.3	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 400	62.0	78.7	84.0	90.7	92.7	96.7	97.3	98.0	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	62.0	78.7	84.0	90.7	92.7	96.7	97.3	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	62.0	78.7	84.0	90.7	92.7	96.7	97.3	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	62.0	78.7	84.0	90.7	92.7	96.7	97.3	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	62.0	78.7	84.0	90.7	92.7	96.7	97.3	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | NOV (MONTH) | 19 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	57.3	71.3	74.7	77.3	79.3	80.7	80.7	80.7	80.7	80.7	80.7	80.7	81.3	81.3	81.3	81.3
≥ 20000	59.3	73.3	76.7	79.3	81.3	82.7	82.7	82.7	82.7	82.7	82.7	82.7	83.3	83.3	83.3	83.3
≥ 18000	59.3	73.3	76.7	79.3	81.3	82.7	82.7	82.7	82.7	82.7	82.7	82.7	83.3	83.3	83.3	83.3
≥ 16000	59.3	73.3	76.7	79.3	81.3	82.7	82.7	82.7	82.7	82.7	82.7	82.7	83.3	83.3	83.3	83.3
≥ 14000	59.3	73.3	76.7	79.3	81.3	82.7	82.7	82.7	82.7	82.7	82.7	82.7	83.3	83.3	83.3	83.3
≥ 12000	60.0	74.0	77.3	80.0	82.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	84.0	84.0	84.0	84.0
≥ 10000	60.7	74.7	78.0	80.7	82.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.7	84.7	84.7	84.7
≥ 9000	60.7	75.3	78.7	81.3	83.3	84.7	84.7	84.7	84.7	84.7	84.7	84.7	85.3	85.3	85.3	85.3
≥ 8000	60.7	75.3	78.7	81.3	83.3	84.7	84.7	84.7	84.7	84.7	84.7	84.7	85.3	85.3	85.3	85.3
≥ 7000	60.7	75.3	78.7	81.3	83.3	84.7	84.7	84.7	84.7	84.7	84.7	84.7	85.3	85.3	85.3	85.3
≥ 6000	60.7	75.3	78.7	81.3	83.3	84.7	84.7	84.7	84.7	84.7	84.7	84.7	85.3	85.3	85.3	85.3
≥ 5000	60.7	75.3	78.7	81.3	83.3	84.7	84.7	84.7	84.7	84.7	84.7	84.7	85.3	85.3	85.3	85.3
≥ 4500	60.7	75.3	78.7	81.3	83.3	84.7	84.7	84.7	84.7	84.7	84.7	84.7	85.3	85.3	85.3	85.3
≥ 4000	60.7	75.3	78.7	81.3	83.3	84.7	84.7	84.7	84.7	84.7	84.7	84.7	85.3	85.3	85.3	85.3
≥ 3500	60.7	75.3	78.7	81.3	83.3	84.7	84.7	84.7	84.7	84.7	84.7	84.7	85.3	85.3	85.3	85.3
≥ 3000	61.3	76.0	79.3	82.0	84.0	85.3	85.3	85.3	85.3	85.3	85.3	85.3	86.0	86.0	86.0	86.0
≥ 2500	61.3	77.3	80.7	83.3	85.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	87.3	87.3	87.3	87.3
≥ 2000	62.0	78.0	81.3	84.0	86.0	87.3	87.3	87.3	87.3	87.3	87.3	87.3	88.0	88.0	88.0	88.0
≥ 1800	62.0	78.0	81.3	84.0	86.0	87.3	87.3	87.3	87.3	87.3	87.3	87.3	88.0	88.0	88.0	88.0
≥ 1500	62.0	79.3	82.7	85.3	87.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	90.0	90.0	90.0	90.0
≥ 1200	62.0	79.3	82.7	85.3	87.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	90.0	90.0	90.0	90.0
≥ 1000	62.0	80.7	84.0	87.3	89.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	92.0	92.0	92.0	92.0
≥ 900	62.0	80.7	84.0	87.3	89.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	92.0	92.0	92.0	92.0
≥ 800	62.0	80.7	84.7	88.0	90.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	93.3	93.3	93.3	93.3
≥ 700	62.0	80.7	84.7	88.0	90.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	93.3	93.3	93.3	93.3
≥ 600	62.0	80.7	84.7	88.0	91.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	94.0	94.0	94.0	94.0
≥ 500	62.0	80.7	84.7	88.0	91.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	94.0	94.0	94.0	94.0
≥ 400	62.0	80.7	85.3	88.7	92.0	94.0	95.3	95.3	95.3	95.3	95.3	95.3	96.7	96.7	96.7	96.7
≥ 300	62.0	80.7	85.3	88.7	92.0	94.0	95.3	95.3	95.3	95.3	95.3	95.3	96.7	96.7	96.7	96.7
≥ 200	62.0	80.7	85.3	88.7	92.0	94.0	95.3	95.3	95.3	96.0	96.0	96.0	98.0	98.0	98.0	98.7
≥ 100	62.0	80.7	85.3	88.7	92.0	94.0	95.3	95.3	95.3	96.0	96.0	96.0	98.0	98.7	98.7	99.3
0	62.0	80.7	85.3	88.7	92.0	94.0	95.3	95.3	95.3	96.0	96.0	96.0	98.0	98.7	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

22 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	55.3	64.7	71.3	72.7	74.0	75.3	78.0	78.0	78.7	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 20000	56.0	65.3	72.0	73.3	74.7	76.0	78.7	78.7	79.3	80.0	80.0	80.0	80.0	80.0	80.0	80.0
M/V 18000	56.0	65.3	72.0	73.3	74.7	76.0	78.7	78.7	79.3	80.0	80.0	80.0	80.0	80.0	80.0	80.0
M/V 16000	56.0	65.3	72.0	73.3	74.7	76.0	78.7	78.7	79.3	80.0	80.0	80.0	80.0	80.0	80.0	80.0
M/V 14000	56.0	65.3	72.0	73.3	74.7	76.0	78.7	78.7	79.3	80.0	80.0	80.0	80.0	80.0	80.0	80.0
M/V 12000	56.0	66.0	72.7	74.0	75.3	76.7	79.3	79.3	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7
M/V 10000	56.7	66.7	73.3	74.7	76.0	77.3	80.0	80.0	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3
M/V 9000	56.7	66.7	73.3	74.7	76.0	77.3	80.0	80.0	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3
M/V 8000	56.7	66.7	73.3	74.7	76.0	77.3	80.0	80.0	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3
M/V 7000	56.7	66.7	73.3	74.7	76.0	77.3	80.0	80.0	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3
M/V 6000	56.7	66.7	73.3	74.7	76.0	77.3	80.0	80.0	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3
M/V 5000	56.7	66.7	73.3	74.7	76.0	77.3	80.0	80.0	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3
M/V 4500	56.7	66.7	73.3	74.7	76.0	77.3	80.0	80.0	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3
M/V 4000	56.7	66.7	73.3	74.7	76.0	77.3	80.0	80.0	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3
M/V 3500	57.3	67.3	74.0	75.3	76.7	78.0	80.7	80.7	81.3	82.0	82.0	82.0	82.0	82.0	82.0	82.0
M/V 3000	57.3	67.3	74.0	75.3	76.7	78.0	80.7	80.7	81.3	82.0	82.0	82.0	82.0	82.0	82.0	82.0
M/V 2500	57.3	68.0	74.7	76.0	77.3	78.7	81.3	81.3	82.0	82.7	82.7	82.7	82.7	82.7	82.7	82.7
M/V 2000	57.3	69.3	76.0	77.3	78.7	80.0	82.7	82.7	83.3	84.0	84.0	84.0	84.0	84.0	84.0	84.0
M/V 1800	57.3	70.0	76.7	78.0	79.3	80.7	83.3	83.3	84.0	84.7	84.7	84.7	84.7	84.7	84.7	84.7
M/V 1500	58.0	71.3	78.0	80.0	81.3	82.7	85.3	85.3	86.0	86.7	86.7	86.7	86.7	86.7	86.7	86.7
M/V 1200	58.0	71.3	78.0	80.0	81.3	83.3	86.0	86.0	86.7	87.3	87.3	87.3	87.3	87.3	87.3	87.3
M/V 1000	58.7	72.7	80.0	82.0	83.3	85.3	88.0	88.0	88.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3
M/V 900	58.7	72.7	80.0	82.0	83.3	85.3	88.0	88.0	88.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3
M/V 800	58.7	73.3	80.7	82.7	84.7	86.7	89.3	89.3	90.0	90.7	90.7	90.7	90.7	90.7	90.7	90.7
M/V 700	58.7	73.3	81.3	83.3	86.0	88.0	90.7	91.3	92.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3
M/V 600	58.7	73.3	81.3	83.3	86.0	88.0	90.7	91.3	92.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3
M/V 500	58.7	73.3	81.3	83.3	86.7	88.7	91.3	92.0	92.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0
M/V 400	58.7	73.3	81.3	83.3	86.7	88.7	91.3	92.0	92.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0
M/V 300	58.7	73.3	81.3	83.3	86.7	88.7	92.0	92.7	93.3	94.7	94.7	94.7	94.7	94.7	95.3	95.3
M/V 200	58.7	73.3	81.3	83.3	86.7	88.7	92.0	92.7	93.3	94.7	94.7	94.7	94.7	95.3	96.0	96.0
M/V 100	58.7	73.3	81.3	83.3	86.7	88.7	92.0	92.7	93.3	94.7	94.7	94.7	94.7	95.3	96.0	97.3
M/V 0	58.7	73.3	81.3	83.3	86.7	88.7	92.0	92.7	93.3	94.7	94.7	94.7	94.7	95.3	96.0	100.0

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | NOV (MONTH) | ALL (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	54.6	64.3	68.3	70.6	72.6	74.2	75.3	75.4	75.5	76.0	76.0	76.0	76.1	76.1	76.3	76.5
≥ 20000	57.3	67.5	71.8	74.2	76.4	78.1	79.3	79.4	79.5	80.0	80.0	80.0	80.1	80.1	80.3	80.6
≥ 18000	57.6	67.8	72.2	74.5	76.8	78.4	79.6	79.8	79.8	80.3	80.3	80.3	80.4	80.4	80.6	80.9
≥ 16000	57.8	68.2	72.6	74.9	77.2	78.8	80.0	80.2	80.3	80.8	80.8	80.8	80.8	80.8	81.0	81.3
≥ 14000	58.2	68.7	73.2	75.5	77.8	79.4	80.6	80.8	80.8	81.3	81.3	81.3	81.4	81.4	81.6	81.9
≥ 12000	58.4	69.0	73.5	75.8	78.1	79.8	80.9	81.1	81.2	81.7	81.7	81.7	81.8	81.8	81.9	82.3
≥ 10000	58.9	69.8	74.3	76.7	78.9	80.6	81.8	81.9	82.0	82.5	82.5	82.5	82.6	82.6	82.8	83.1
≥ 9000	59.0	70.1	74.7	77.0	79.3	80.9	82.1	82.3	82.3	82.8	82.8	82.8	82.9	82.9	83.1	83.4
≥ 8000	59.1	70.3	74.9	77.3	79.5	81.2	82.3	82.5	82.6	83.1	83.1	83.1	83.2	83.2	83.3	83.7
≥ 7000	59.1	70.3	74.9	77.3	79.5	81.2	82.3	82.5	82.6	83.1	83.1	83.1	83.2	83.2	83.3	83.7
≥ 6000	59.1	70.3	74.9	77.3	79.5	81.2	82.3	82.5	82.6	83.1	83.1	83.1	83.2	83.2	83.3	83.7
≥ 5000	59.1	70.3	74.9	77.3	79.5	81.2	82.3	82.5	82.6	83.1	83.1	83.1	83.2	83.2	83.3	83.7
≥ 4500	59.1	70.3	74.9	77.3	79.5	81.2	82.3	82.5	82.6	83.1	83.1	83.1	83.2	83.2	83.3	83.7
≥ 4000	59.2	70.5	75.1	77.4	79.7	81.3	82.5	82.7	82.8	83.3	83.3	83.3	83.3	83.3	83.5	83.8
≥ 3500	59.3	70.7	75.3	77.6	79.8	81.5	82.7	82.8	82.9	83.4	83.4	83.4	83.5	83.5	83.7	84.0
≥ 3000	59.4	71.0	75.6	77.9	80.2	81.9	83.2	83.4	83.5	84.0	84.0	84.0	84.1	84.1	84.3	84.6
≥ 2500	59.5	71.9	76.7	79.0	81.3	83.0	84.3	84.6	84.7	85.2	85.2	85.2	85.3	85.3	85.4	85.8
≥ 2000	59.8	72.8	77.7	80.0	82.3	84.0	85.3	85.6	85.7	86.3	86.3	86.3	86.3	86.3	86.5	86.8
≥ 1800	59.8	73.1	77.9	80.3	82.5	84.3	85.6	85.9	86.0	86.6	86.7	86.7	86.8	86.8	86.9	87.3
≥ 1500	60.3	73.8	78.9	81.4	83.9	86.2	87.5	88.1	88.2	88.8	88.9	88.9	89.1	89.1	89.3	89.6
≥ 1200	60.3	74.0	79.3	81.8	84.4	86.8	88.3	88.8	88.9	89.6	89.7	89.7	89.8	89.8	90.0	90.3
≥ 1000	60.4	74.8	80.3	83.1	85.8	88.3	89.8	90.5	90.6	91.3	91.4	91.4	91.6	91.6	91.8	92.1
≥ 900	60.5	75.0	80.5	83.3	86.1	88.6	90.1	90.8	90.8	91.5	91.7	91.7	91.8	91.8	92.0	92.3
≥ 800	60.5	75.3	81.0	84.0	87.2	89.7	91.2	91.9	92.0	92.7	92.8	92.8	93.0	93.0	93.2	93.5
≥ 700	60.5	75.3	81.2	84.2	87.8	90.3	92.2	93.0	93.1	93.9	94.1	94.1	94.3	94.3	94.4	94.8
≥ 600	60.5	75.3	81.2	84.3	88.0	90.6	92.5	93.3	93.4	94.4	94.6	94.6	94.8	94.8	94.9	95.3
≥ 500	60.5	75.3	81.2	84.3	88.1	90.7	92.6	93.5	93.6	94.8	94.9	94.9	95.1	95.1	95.3	95.6
≥ 400	60.5	75.4	81.3	84.4	88.3	90.8	92.9	93.8	93.9	95.3	95.4	95.4	95.7	95.7	95.8	96.3
≥ 300	60.5	75.4	81.3	84.4	88.3	90.9	93.2	94.3	94.3	95.8	96.0	96.0	96.3	96.3	96.5	97.0
≥ 200	60.5	75.4	81.3	84.4	88.3	91.0	93.3	94.5	94.6	96.2	96.4	96.4	96.8	96.8	97.3	97.8
≥ 100	60.5	75.4	81.3	84.4	88.3	91.0	93.3	94.5	94.6	96.2	96.4	96.4	96.8	96.9	97.3	98.2
≥ 0	60.5	75.4	81.3	84.4	88.3	91.0	93.3	94.5	94.6	96.2	96.4	96.4	96.8	96.9	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS 1200

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | DEC (MONTH) | 01 (HOURS (L S T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	48.4	59.4	64.5	65.8	71.0	71.0	74.8	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.8
≥ 20000	50.3	61.3	66.5	67.7	72.9	72.9	76.8	78.1	78.1	78.7	78.7	78.7	78.7	78.7	78.7	79.4
≥ 18000	50.3	61.3	66.5	67.7	72.9	72.9	76.8	78.1	78.1	78.7	78.7	78.7	78.7	78.7	78.7	79.4
≥ 16000	51.0	61.9	67.1	68.4	73.6	73.6	77.4	78.7	78.7	79.4	79.4	79.4	79.4	79.4	79.4	80.0
≥ 14000	51.0	62.6	67.7	69.0	74.2	74.2	78.1	79.4	79.4	80.0	80.0	80.0	80.0	80.0	80.0	80.7
≥ 12000	51.0	62.6	67.7	69.0	74.2	74.2	78.1	79.4	79.4	80.0	80.0	80.0	80.0	80.0	80.0	80.7
≥ 10000	51.6	63.2	68.4	69.7	74.8	74.8	78.7	80.0	80.0	80.7	80.7	80.7	80.7	80.7	80.7	81.3
≥ 9000	51.6	63.2	68.4	69.7	74.8	74.8	78.7	80.0	80.0	80.7	80.7	80.7	80.7	80.7	80.7	81.3
≥ 8000	52.3	63.9	69.0	70.3	75.5	75.5	79.4	80.7	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.9
≥ 7000	52.9	64.5	69.7	71.0	76.1	76.1	80.0	81.3	81.3	81.9	81.9	81.9	81.9	81.9	81.9	82.6
≥ 6000	52.9	64.5	69.7	71.0	76.1	76.1	80.0	81.3	81.3	81.9	81.9	81.9	81.9	81.9	81.9	82.6
≥ 5000	52.9	64.5	69.7	71.0	76.1	76.1	80.0	81.3	81.3	81.9	81.9	81.9	81.9	81.9	81.9	82.6
≥ 4500	53.6	65.2	71.0	72.3	77.4	77.4	81.3	82.6	82.6	83.2	83.2	83.2	83.2	83.2	83.2	83.9
≥ 4000	53.6	65.8	71.6	72.9	78.1	78.1	81.9	83.2	83.2	83.9	83.9	83.9	83.9	83.9	83.9	84.5
≥ 3500	54.2	66.5	72.3	73.6	78.7	78.7	82.6	83.9	83.9	84.5	84.5	84.5	84.5	84.5	84.5	85.2
≥ 3000	54.2	66.5	72.3	73.6	78.7	78.7	82.6	83.9	83.9	84.5	84.5	84.5	84.5	84.5	84.5	85.2
≥ 2500	54.8	67.1	72.9	74.2	80.0	80.0	83.9	85.2	85.2	85.8	85.8	85.8	85.8	85.8	85.8	86.5
≥ 2000	54.8	67.1	74.2	75.5	81.3	81.3	85.2	86.5	86.5	87.1	87.1	87.1	87.1	87.1	87.1	87.7
≥ 1800	54.8	67.1	74.2	75.5	81.3	81.3	85.2	86.5	86.5	87.1	87.1	87.1	87.1	87.1	87.1	87.7
≥ 1500	54.8	68.4	75.5	77.4	83.9	83.9	87.7	89.0	89.0	89.7	89.7	89.7	89.7	89.7	89.7	90.3
≥ 1200	54.8	68.4	75.5	77.4	83.9	83.9	88.4	89.7	89.7	90.3	90.3	90.3	90.3	90.3	90.3	91.0
≥ 1000	54.8	69.0	76.1	78.7	85.2	85.2	90.3	92.9	92.9	93.6	93.6	93.6	93.6	93.6	93.6	94.2
≥ 900	54.8	69.0	76.1	78.7	85.2	85.2	90.3	92.9	92.9	93.6	93.6	93.6	93.6	93.6	93.6	94.2
≥ 800	54.8	69.0	76.1	78.7	85.2	85.2	90.3	92.9	92.9	93.6	93.6	93.6	93.6	93.6	93.6	94.2
≥ 700	54.8	69.0	77.4	80.0	86.5	86.5	91.6	94.2	94.2	94.8	94.8	94.8	94.8	94.8	94.8	95.5
≥ 600	54.8	69.0	77.4	80.0	86.5	86.5	91.6	94.2	94.2	94.8	94.8	94.8	94.8	94.8	94.8	95.5
≥ 500	54.8	69.0	78.1	80.7	87.1	87.1	92.3	95.5	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.8
≥ 400	54.8	69.0	78.1	80.7	87.1	87.1	92.3	95.5	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.8
≥ 300	54.8	69.0	78.1	80.7	87.1	87.1	92.3	95.5	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.8
≥ 200	54.8	69.0	78.1	80.7	87.1	87.1	92.3	95.5	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.8
≥ 100	54.8	69.0	78.1	80.7	87.1	87.1	92.3	95.5	95.5	96.1	96.1	96.1	96.1	96.8	96.8	97.4
0	54.8	69.0	78.1	80.7	87.1	87.1	92.3	95.5	95.5	96.1	96.1	96.1	96.1	96.8	96.8	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | DEC (MONTH) | 04 (HOURS (L S T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	53.6	65.8	66.5	67.1	69.7	71.0	72.9	72.9	72.9	73.6	74.2	74.2	74.2	74.2	74.8	74.8
≥ 20000	54.2	66.5	67.1	67.7	70.3	71.6	73.6	73.6	73.6	74.2	74.8	74.8	74.8	74.8	75.5	75.5
≥ 18000	54.2	66.5	67.1	67.7	70.3	71.6	73.6	73.6	73.6	74.2	74.8	74.8	74.8	74.8	75.5	75.5
≥ 16000	54.2	66.5	67.1	67.7	70.3	71.6	73.6	73.6	73.6	74.2	74.8	74.8	74.8	74.8	75.5	75.5
≥ 14000	54.2	66.5	67.1	67.7	70.3	71.6	73.6	73.6	73.6	74.2	74.8	74.8	74.8	74.8	75.5	75.5
≥ 12000	54.2	66.5	67.1	67.7	70.3	71.6	73.6	73.6	73.6	74.2	74.8	74.8	74.8	74.8	75.5	75.5
≥ 10000	54.2	67.1	67.7	68.4	71.0	72.3	74.2	74.2	74.2	74.8	75.5	75.5	75.5	75.5	76.1	76.1
≥ 9000	54.2	67.1	67.7	68.4	71.0	72.3	74.2	74.2	74.2	74.8	75.5	75.5	75.5	75.5	76.1	76.1
≥ 8000	54.2	67.1	67.7	68.4	71.0	72.3	74.2	74.2	74.2	74.8	75.5	75.5	75.5	75.5	76.1	76.1
≥ 7000	54.2	67.7	68.4	69.0	71.6	72.9	74.8	74.8	74.8	75.5	76.1	76.1	76.1	76.1	76.8	76.8
≥ 6000	54.2	67.7	68.4	69.0	71.6	72.9	74.8	74.8	74.8	75.5	76.1	76.1	76.1	76.1	76.8	76.8
≥ 5000	54.2	67.7	68.4	69.0	71.6	72.9	74.8	74.8	74.8	75.5	76.1	76.1	76.1	76.1	76.8	76.8
≥ 4500	55.5	69.7	70.3	71.0	73.6	74.8	76.8	76.8	76.8	77.4	78.1	78.1	78.1	78.1	78.7	78.7
≥ 4000	55.5	70.3	71.0	71.6	74.2	75.5	77.4	77.4	77.4	78.1	78.7	78.7	78.7	78.7	79.4	79.4
≥ 3500	56.1	71.0	71.6	72.3	74.8	76.1	78.1	78.1	78.1	78.7	79.4	79.4	79.4	79.4	80.0	80.0
≥ 3000	56.8	71.6	72.3	72.9	75.5	76.8	78.7	78.7	78.7	79.4	80.0	80.0	80.0	80.0	80.7	80.7
≥ 2500	56.8	71.6	72.3	72.9	75.5	76.8	78.7	78.7	78.7	79.4	80.0	80.0	80.0	80.0	80.7	80.7
≥ 2000	56.8	72.3	72.9	74.2	76.8	78.1	80.0	80.0	80.0	80.7	81.3	81.3	81.3	81.3	81.9	81.9
≥ 1800	56.8	72.3	72.9	74.2	76.8	78.1	80.0	80.0	80.0	80.7	81.3	81.3	81.3	81.3	81.9	81.9
≥ 1500	56.8	74.2	77.4	79.4	82.6	83.9	85.8	85.8	85.8	86.5	87.1	87.1	87.1	87.1	87.7	87.7
≥ 1200	56.8	74.2	77.4	80.0	83.2	84.5	87.1	87.1	87.1	88.4	89.0	89.0	89.0	89.0	89.7	89.7
≥ 1000	56.8	74.2	77.4	80.0	85.2	86.5	89.7	89.7	89.7	91.0	91.6	91.6	91.6	91.6	92.3	92.3
≥ 900	56.8	74.2	77.4	80.0	85.2	86.5	89.7	89.7	89.7	91.0	91.6	91.6	91.6	91.6	92.3	92.3
≥ 800	56.8	74.8	78.1	80.7	86.5	87.7	91.6	91.6	91.6	92.9	93.6	93.6	93.6	93.6	94.2	94.2
≥ 700	56.8	74.8	78.1	80.7	86.5	87.7	91.6	91.6	91.6	92.9	93.6	93.6	93.6	93.6	94.2	94.2
≥ 600	56.8	75.5	78.7	81.3	87.1	88.4	92.3	92.3	92.3	93.6	94.2	94.2	94.2	94.2	94.8	94.8
≥ 500	56.8	75.5	78.7	81.3	87.1	88.4	92.3	92.3	92.3	93.6	94.2	94.2	94.2	94.2	94.8	94.8
≥ 400	56.8	75.5	78.7	81.3	87.1	88.4	92.3	92.3	92.3	93.6	94.2	94.2	94.2	94.2	94.8	95.5
≥ 300	56.8	75.5	78.7	81.3	87.1	88.4	92.3	92.3	92.3	93.6	94.2	94.2	94.2	94.2	94.8	95.5
≥ 200	56.8	75.5	78.7	81.3	87.1	88.4	92.3	92.3	92.3	94.2	94.8	94.8	94.8	94.8	95.5	96.1
≥ 100	56.8	75.5	78.7	81.3	87.1	88.4	92.3	92.3	92.3	94.2	94.8	94.8	94.8	94.8	95.5	96.8
≥ 0	56.8	75.5	78.7	81.3	87.1	88.4	92.3	92.3	92.3	94.2	94.8	94.8	94.8	94.8	95.5	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) POINT MUGU, CALIFORNIA (STATION NAME) 73-77 (YEARS) DEC (MONTH) 07 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	54.2	60.7	62.6	63.9	67.1	69.0	69.7	70.3	70.3	70.3	70.3	70.3	71.6	71.6	71.6	72.9
≥ 20000	56.1	62.6	65.2	67.1	70.3	72.3	72.9	74.2	74.2	74.2	74.2	74.2	75.5	75.5	75.5	76.8
≥ 18000	56.8	63.2	65.8	67.7	71.0	72.9	73.6	74.8	74.8	74.8	74.8	74.8	76.1	76.1	76.1	77.4
≥ 16000	56.8	63.2	65.8	67.7	71.0	72.9	73.6	74.8	74.8	74.8	74.8	74.8	76.1	76.1	76.1	77.4
≥ 14000	57.4	63.9	66.5	68.4	71.6	73.6	74.2	75.5	75.5	75.5	75.5	75.5	76.8	76.8	76.8	78.1
≥ 12000	58.7	65.2	67.7	69.7	72.9	74.8	75.5	76.8	76.8	76.8	76.8	76.8	78.1	78.1	78.1	79.4
≥ 10000	59.4	65.8	68.4	70.3	73.6	75.5	76.1	77.4	77.4	77.4	77.4	77.4	78.7	78.7	78.7	80.0
≥ 9000	59.4	65.8	68.4	70.3	73.6	75.5	76.1	77.4	77.4	77.4	77.4	77.4	78.7	78.7	78.7	80.0
≥ 8000	60.0	67.1	69.7	71.6	74.8	76.8	77.4	78.7	78.7	78.7	78.7	78.7	80.0	80.0	80.0	81.3
≥ 7000	60.0	67.1	69.7	71.6	74.8	76.8	77.4	78.7	78.7	78.7	78.7	78.7	80.0	80.0	80.0	81.3
≥ 6000	60.0	67.1	69.7	71.6	74.8	76.8	77.4	78.7	78.7	78.7	78.7	78.7	80.0	80.0	80.0	81.3
≥ 5000	60.0	67.1	69.7	71.6	75.5	77.4	78.1	79.4	79.4	79.4	79.4	79.4	80.7	80.7	80.7	81.9
≥ 4500	60.0	67.7	70.3	72.3	76.1	78.1	78.7	80.0	80.0	80.0	80.0	80.0	81.3	81.3	81.3	82.6
≥ 4000	60.0	67.7	70.3	72.3	76.1	78.1	78.7	80.0	80.0	80.0	80.0	80.0	81.3	81.3	81.3	82.6
≥ 3500	60.0	67.7	70.3	72.3	76.1	78.1	78.7	80.0	80.0	80.0	80.0	80.0	81.3	81.3	81.3	82.6
≥ 3000	60.0	68.4	71.0	72.9	76.8	78.7	79.4	80.7	80.7	80.7	80.7	80.7	81.9	81.9	81.9	83.2
≥ 2500	60.0	68.4	71.0	72.9	76.8	78.7	79.4	80.7	80.7	80.7	80.7	80.7	81.9	81.9	81.9	83.2
≥ 2000	60.0	69.7	73.6	76.1	80.0	81.9	82.6	84.5	84.5	84.5	84.5	84.5	85.8	85.8	85.8	87.1
≥ 1800	60.0	70.3	74.2	76.8	80.7	82.6	83.2	85.2	85.2	85.2	85.2	85.2	86.5	86.5	86.5	87.7
≥ 1500	60.0	70.3	74.2	76.8	80.7	83.2	84.5	86.5	86.5	86.5	86.5	86.5	88.4	88.4	88.4	89.7
≥ 1200	60.7	71.0	74.8	77.4	81.3	83.9	85.8	87.7	87.7	87.7	87.7	87.7	89.7	89.7	89.7	91.0
≥ 1000	61.3	72.3	76.1	78.7	82.6	85.2	88.4	91.0	91.0	91.0	91.0	91.0	92.9	92.9	92.9	94.2
≥ 900	61.3	72.3	76.1	78.7	82.6	85.2	88.4	91.0	91.0	91.0	91.0	91.0	92.9	92.9	92.9	94.2
≥ 800	61.3	72.3	76.1	78.7	82.6	85.2	88.4	91.0	91.0	91.0	91.0	91.0	92.9	92.9	92.9	94.2
≥ 700	61.3	72.3	76.1	78.7	82.6	85.2	88.4	91.6	91.6	91.6	91.6	91.6	93.6	93.6	93.6	94.8
≥ 600	61.3	72.3	76.1	78.7	82.6	85.2	88.4	91.6	91.6	91.6	92.3	92.3	94.2	94.2	94.2	95.5
≥ 500	61.3	72.3	76.1	79.4	83.2	85.8	89.0	92.3	92.3	92.3	92.9	92.9	94.8	94.8	94.8	96.1
≥ 400	61.3	72.3	76.1	79.4	83.2	85.8	89.0	92.3	92.3	92.9	93.6	93.6	96.1	96.1	96.1	97.4
≥ 300	61.3	72.3	76.1	79.4	83.2	85.8	89.0	92.3	92.3	93.6	94.2	94.2	96.8	96.8	96.8	98.1
≥ 200	61.3	72.3	76.1	79.4	83.2	85.8	89.0	92.3	92.3	93.6	94.2	94.2	96.8	96.8	97.4	98.7
≥ 100	61.3	72.3	76.1	79.4	83.2	85.8	89.0	92.3	92.3	93.6	94.2	94.2	96.8	96.8	97.4	99.4
0	61.3	72.3	76.1	79.4	83.2	85.8	89.0	92.3	92.3	93.6	94.2	94.2	96.8	96.8	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | DEC (MONTH) | 10 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	50.3	56.1	59.4	61.3	63.2	63.2	65.2	65.8	65.8	65.8	67.1	67.1	67.7	67.7	67.7	67.7
≥ 20000	56.1	62.6	67.1	69.0	71.0	71.0	72.9	73.6	73.6	73.6	75.5	75.5	76.1	76.1	76.1	76.1
≥ 18000	56.1	63.2	67.7	69.7	71.6	71.6	73.6	74.2	74.2	74.2	76.1	76.1	76.8	76.8	76.8	76.8
≥ 16000	56.1	63.9	68.4	70.3	72.3	72.3	74.2	74.8	74.8	74.8	76.8	76.8	77.4	77.4	77.4	77.4
≥ 14000	56.8	64.5	69.0	71.0	72.9	72.9	74.8	75.5	75.5	75.5	77.4	77.4	78.1	78.1	78.1	78.1
≥ 12000	56.8	64.5	69.0	71.0	72.9	72.9	74.8	75.5	75.5	75.5	77.4	77.4	78.1	78.1	78.1	78.1
≥ 10000	57.4	65.8	70.3	72.3	74.2	74.2	76.1	76.8	76.8	76.8	78.7	78.7	79.4	79.4	79.4	79.4
≥ 9000	57.4	65.8	70.3	72.3	74.2	74.2	76.1	76.8	76.8	76.8	78.7	78.7	79.4	79.4	79.4	79.4
≥ 8000	58.1	66.5	71.6	73.6	75.5	75.5	77.4	78.1	78.1	78.1	80.0	80.0	80.7	80.7	80.7	80.7
≥ 7000	58.7	67.1	72.3	74.8	76.8	76.8	78.7	79.4	79.4	79.4	81.3	81.3	81.9	81.9	81.9	81.9
≥ 6000	59.4	67.7	72.9	75.5	77.4	77.4	79.4	80.0	80.0	80.0	81.9	81.9	82.6	82.6	82.6	82.6
≥ 5000	60.0	68.4	73.6	76.1	78.1	78.1	80.0	80.7	80.7	80.7	82.6	82.6	83.2	83.2	83.2	83.2
≥ 4500	60.0	69.0	74.2	76.8	78.7	78.7	80.7	81.3	81.3	81.3	83.2	83.2	83.9	83.9	83.9	83.9
≥ 4000	60.0	69.0	74.2	76.8	78.7	78.7	80.7	81.3	81.3	81.3	83.2	83.2	83.9	83.9	83.9	83.9
≥ 3500	60.0	69.0	74.2	76.8	78.7	78.7	80.7	81.3	81.3	81.3	83.2	83.2	83.9	83.9	83.9	83.9
≥ 3000	60.0	69.0	74.2	76.8	78.7	78.7	80.7	81.3	81.3	81.3	83.2	83.2	83.9	83.9	83.9	83.9
≥ 2500	60.7	70.3	75.5	78.1	80.0	80.0	81.9	82.6	82.6	82.6	84.5	84.5	85.2	85.2	85.2	85.2
≥ 2000	61.3	71.0	76.8	79.4	81.3	81.3	83.2	83.9	83.9	83.9	85.8	85.8	86.5	86.5	86.5	86.5
≥ 1800	61.3	71.0	76.8	79.4	81.9	81.9	83.9	84.5	85.2	85.2	87.1	87.1	87.7	87.7	87.7	87.7
≥ 1500	61.3	71.0	77.4	80.0	82.6	84.5	86.5	87.7	88.4	88.4	90.3	90.3	91.0	91.0	91.0	91.0
≥ 1200	61.3	71.0	77.4	80.0	82.6	84.5	87.1	88.4	89.0	89.0	91.0	91.0	91.6	91.6	91.6	91.6
≥ 1000	61.3	71.0	77.4	80.0	82.6	84.5	87.1	88.4	89.0	89.7	91.6	91.6	92.3	92.3	92.3	92.3
≥ 900	61.3	71.0	77.4	80.0	82.6	84.5	87.1	88.4	89.0	89.7	91.6	91.6	92.3	92.3	92.3	92.3
≥ 800	61.3	71.0	78.1	81.3	83.9	85.8	88.4	89.7	90.3	91.6	93.6	93.6	94.8	94.8	94.8	94.8
≥ 700	61.3	71.0	78.1	81.3	83.9	85.8	89.0	90.3	91.0	92.9	94.8	94.8	96.1	96.1	96.1	96.1
≥ 600	61.3	72.3	79.4	83.2	85.8	87.7	91.0	92.3	92.9	95.5	97.4	97.4	99.4	99.4	99.4	99.4
≥ 500	61.3	72.3	79.4	83.2	85.8	87.7	91.0	92.3	92.9	95.5	97.4	97.4	99.4	99.4	99.4	99.4
≥ 400	61.3	72.3	79.4	83.2	85.8	87.7	91.0	92.3	92.9	95.5	97.4	97.4	99.4	99.4	99.4	99.4
≥ 300	61.3	72.3	79.4	83.2	85.8	87.7	91.0	92.3	92.9	95.5	97.4	97.4	99.4	99.4	99.4	99.4
≥ 200	61.3	72.3	79.4	83.2	85.8	87.7	91.6	92.9	93.6	96.1	98.1	98.1	100.0	100.0	100.0	100.0
≥ 100	61.3	72.3	79.4	83.2	85.8	87.7	91.6	92.9	93.6	96.1	98.1	98.1	100.0	100.0	100.0	100.0
≥ 0	61.3	72.3	79.4	83.2	85.8	87.7	91.6	92.9	93.6	96.1	98.1	98.1	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | DEC (MONTH) | 13 (HOURS (L S T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	51.0	55.5	61.9	62.6	65.8	68.4	68.4	69.0	69.7	70.3	71.0	71.0	71.0	71.0	71.0	71.0
≥ 20000	57.4	61.9	69.0	69.7	72.9	75.5	76.1	77.4	78.1	78.7	79.4	79.4	79.4	79.4	79.4	79.4
≥ 18000	58.1	62.6	70.3	71.0	74.2	76.8	77.4	78.7	79.4	80.0	80.7	80.7	80.7	80.7	80.7	80.7
≥ 16000	58.1	62.6	70.3	71.0	74.8	77.4	78.1	79.4	80.0	80.7	81.3	81.3	81.3	81.3	81.3	81.3
≥ 14000	58.7	63.2	71.0	71.6	75.5	78.1	78.7	80.0	80.7	81.3	81.9	81.9	81.9	81.9	81.9	81.9
≥ 12000	58.7	63.2	71.0	71.6	75.5	78.1	78.7	80.0	80.7	81.3	81.9	81.9	81.9	81.9	81.9	81.9
≥ 10000	61.3	66.5	74.2	74.8	78.7	81.3	81.9	83.2	83.9	84.5	85.2	85.2	85.2	85.2	85.2	85.2
≥ 9000	61.3	66.5	74.2	74.8	78.7	81.3	81.9	83.2	83.9	84.5	85.2	85.2	85.2	85.2	85.2	85.2
≥ 8000	61.9	67.1	74.8	75.5	79.4	81.9	82.6	83.9	84.5	85.2	85.8	85.8	85.8	85.8	85.8	85.8
≥ 7000	61.9	67.7	75.5	76.1	80.0	82.6	83.2	84.5	85.2	85.8	86.5	86.5	86.5	86.5	86.5	86.5
≥ 6000	61.9	68.4	76.1	76.8	80.7	83.2	83.9	85.2	85.8	86.5	87.1	87.1	87.1	87.1	87.1	87.1
≥ 5000	61.9	68.4	76.1	76.8	80.7	83.2	83.9	85.2	85.8	86.5	87.1	87.1	87.1	87.1	87.1	87.1
≥ 4500	61.9	69.0	76.8	77.4	81.3	83.9	84.5	85.8	86.5	87.1	87.7	87.7	87.7	87.7	87.7	87.7
≥ 4000	61.9	69.7	77.4	78.1	81.9	84.5	85.2	86.5	87.1	87.7	88.4	88.4	88.4	88.4	88.4	88.4
≥ 3500	61.9	69.7	77.4	78.1	81.9	84.5	85.2	86.5	87.1	87.7	88.4	88.4	88.4	88.4	88.4	88.4
≥ 3000	61.9	69.7	77.4	78.7	82.6	85.2	85.8	87.1	87.7	88.4	89.0	89.0	89.0	89.0	89.0	89.0
≥ 2500	61.9	69.7	77.4	78.7	82.6	85.2	85.8	87.1	87.7	88.4	89.0	89.0	89.0	89.0	89.0	89.0
≥ 2000	61.9	69.7	77.4	78.7	82.6	85.2	86.5	87.7	88.4	89.0	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1800	61.9	69.7	77.4	78.7	82.6	85.2	86.5	87.7	88.4	89.0	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1500	61.9	69.7	78.1	79.4	83.9	87.1	89.0	90.3	91.0	91.6	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1200	63.2	71.0	79.4	80.7	85.8	89.0	91.0	92.3	92.9	93.6	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1000	63.2	71.0	80.0	81.3	86.5	89.7	91.6	94.2	94.8	95.5	96.1	96.1	96.1	96.1	96.1	96.1
≥ 900	63.2	71.0	80.0	81.3	86.5	90.3	92.3	94.8	95.5	96.1	96.8	96.8	96.8	96.8	96.8	96.8
≥ 800	63.2	71.0	80.0	81.3	86.5	90.3	92.3	94.8	95.5	96.1	96.8	96.8	96.8	96.8	96.8	96.8
≥ 700	63.2	71.0	80.0	81.3	86.5	90.3	92.9	96.1	96.8	97.4	98.1	98.1	98.1	98.1	98.1	98.1
≥ 600	63.2	71.0	80.0	81.3	86.5	90.3	92.9	96.1	96.8	97.4	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	63.2	71.0	80.0	81.3	86.5	90.3	92.9	96.1	96.8	97.4	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400	63.2	71.0	80.0	81.3	86.5	90.3	92.9	96.1	96.8	97.4	98.7	98.7	98.7	98.7	98.7	98.7
≥ 300	63.2	71.0	80.0	81.3	86.5	90.3	92.9	96.1	96.8	97.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	63.2	71.0	80.0	81.3	86.5	90.3	92.9	96.1	96.8	98.1	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	63.2	71.0	80.0	81.3	86.5	90.3	92.9	96.1	96.8	98.1	100.0	100.0	100.0	100.0	100.0	100.0
0	63.2	71.0	80.0	81.3	86.5	90.3	92.9	96.1	96.8	98.1	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | DEC (MONTH) | 16 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	49.0	56.8	59.4	61.9	65.2	66.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 20000	54.2	61.9	65.8	69.0	72.9	74.2	76.1	76.1	76.1	76.8	76.8	76.8	76.8	76.8	76.8	78.1
≥ 18000	55.5	63.2	67.1	70.3	74.2	75.5	77.4	77.4	77.4	78.1	78.1	78.1	78.1	78.1	78.1	79.4
≥ 16000	55.5	63.2	67.1	70.3	74.2	75.5	77.4	77.4	77.4	78.1	78.1	78.1	78.1	78.1	78.1	79.4
≥ 14000	56.8	65.2	69.0	72.3	76.1	77.4	79.4	79.4	79.4	80.0	80.0	80.0	80.0	80.0	80.0	81.3
≥ 12000	57.4	65.8	69.7	72.9	76.8	78.1	80.0	80.0	80.0	80.7	80.7	80.7	80.7	80.7	80.7	81.9
≥ 10000	58.7	67.1	71.6	74.8	78.7	80.0	81.9	81.9	81.9	82.6	82.6	82.6	82.6	82.6	82.6	83.9
≥ 9000	58.7	67.1	71.6	74.8	78.7	80.0	81.9	81.9	81.9	82.6	82.6	82.6	82.6	82.6	82.6	83.9
≥ 8000	60.0	68.4	72.9	76.1	80.0	81.3	83.2	83.2	83.2	83.9	83.9	83.9	83.9	83.9	83.9	85.2
≥ 7000	60.7	69.0	73.6	76.8	80.7	81.9	83.9	83.9	83.9	84.5	84.5	84.5	84.5	84.5	84.5	85.8
≥ 6000	60.7	69.7	74.2	77.4	81.3	82.6	84.5	84.5	84.5	85.2	85.2	85.2	85.2	85.2	85.2	86.5
≥ 5000	60.7	69.7	74.2	77.4	81.3	82.6	84.5	84.5	84.5	85.2	85.2	85.2	85.2	85.2	85.2	86.5
≥ 4500	60.7	70.3	75.5	78.7	82.6	83.9	85.8	85.8	85.8	86.5	86.5	86.5	86.5	86.5	86.5	87.7
≥ 4000	60.7	70.3	75.5	78.7	82.6	83.9	85.8	85.8	85.8	86.5	86.5	86.5	86.5	86.5	86.5	87.7
≥ 3500	60.7	70.3	75.5	78.7	82.6	83.9	85.8	85.8	85.8	86.5	86.5	86.5	86.5	86.5	86.5	87.7
≥ 3000	60.7	70.3	75.5	78.7	82.6	83.9	85.8	85.8	85.8	86.5	86.5	86.5	86.5	86.5	86.5	87.7
≥ 2500	60.7	70.3	75.5	78.7	82.6	83.9	85.8	85.8	85.8	86.5	86.5	86.5	86.5	86.5	86.5	87.7
≥ 2000	61.3	71.6	76.8	80.0	84.5	85.8	88.4	88.4	88.4	89.0	89.0	89.0	89.0	89.0	89.0	90.3
≥ 1800	61.3	71.6	76.8	80.0	84.5	85.8	88.4	88.4	88.4	89.0	89.0	89.0	89.0	89.0	89.0	90.3
≥ 1500	61.9	72.9	78.7	82.6	87.7	89.0	91.6	91.6	91.6	92.3	92.3	92.3	92.3	92.3	92.3	93.6
≥ 1200	61.9	72.9	78.7	82.6	87.7	89.0	92.3	92.3	92.3	92.9	92.9	92.9	92.9	92.9	92.9	94.2
≥ 1000	61.9	72.9	78.7	82.6	89.0	90.3	93.6	94.2	94.2	94.8	94.8	94.8	94.8	94.8	94.8	96.1
≥ 900	61.9	72.9	78.7	82.6	89.0	90.3	93.6	94.2	94.2	94.8	94.8	94.8	94.8	94.8	94.8	96.1
≥ 800	61.9	72.9	78.7	82.6	89.0	90.3	93.6	94.2	94.2	94.8	94.8	94.8	94.8	94.8	94.8	96.1
≥ 700	61.9	72.9	78.7	82.6	89.0	90.3	93.6	94.2	94.2	94.8	94.8	94.8	94.8	94.8	94.8	96.1
≥ 600	61.9	72.9	79.4	83.2	90.3	91.6	94.8	95.5	95.5	96.1	96.1	96.1	96.1	96.1	96.1	97.4
≥ 500	61.9	72.9	79.4	83.2	90.3	91.6	94.8	95.5	95.5	96.1	96.1	96.1	96.1	96.1	96.1	97.4
≥ 400	61.9	72.9	79.4	83.2	90.3	91.6	94.8	95.5	95.5	96.1	96.1	96.1	96.1	96.1	96.1	97.4
≥ 300	61.9	72.9	79.4	83.2	90.3	91.6	94.8	95.5	95.5	96.8	97.4	97.4	97.4	97.4	97.4	98.7
≥ 200	61.9	72.9	79.4	83.2	90.3	91.6	94.8	96.1	96.1	97.4	98.1	98.1	98.1	98.1	98.1	99.4
≥ 100	61.9	72.9	79.4	83.2	90.3	91.6	94.8	96.1	96.1	97.4	98.1	98.1	98.1	98.1	98.1	100.0
≥ 0	61.9	72.9	79.4	83.2	90.3	91.6	94.8	96.1	96.1	97.4	98.1	98.1	98.1	98.1	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) POINT MUGU, CALIFORNIA (STATION NAME) 73-77 (YEARS) DEC (MONTH)

19 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	53.6	63.9	69.0	69.7	72.3	74.2	76.1	76.1	76.1	76.8	77.4	77.4	78.1	78.1	78.1	78.1
≥ 20000	54.8	65.2	70.3	71.6	74.2	76.1	78.1	78.7	78.7	79.4	80.0	80.0	80.7	80.7	80.7	80.7
M/V 18000	54.8	65.8	71.0	72.3	74.8	76.8	78.7	79.4	79.4	80.0	80.7	80.7	81.3	81.3	81.3	81.3
M/V 16000	55.5	66.5	71.6	72.9	75.5	77.4	79.4	80.0	80.0	80.7	81.3	81.3	81.9	81.9	81.9	81.9
M/V 14000	56.8	67.7	72.9	74.2	76.8	78.7	80.7	81.3	81.3	81.9	82.6	82.6	83.2	83.2	83.2	83.2
M/V 12000	57.4	68.4	73.6	74.8	77.4	79.4	81.3	81.9	81.9	82.6	83.2	83.2	83.9	83.9	83.9	83.9
M/V 10000	57.4	69.0	74.2	75.5	78.1	80.0	81.9	82.6	82.6	83.2	83.9	83.9	84.5	84.5	84.5	84.5
M/V 9000	57.4	69.0	74.2	75.5	78.1	80.0	81.9	82.6	82.6	83.2	83.9	83.9	84.5	84.5	84.5	84.5
M/V 8000	58.7	70.3	75.5	76.8	79.4	81.3	83.2	83.9	83.9	84.5	85.2	85.2	85.8	85.8	85.8	85.8
M/V 7000	59.4	71.0	76.1	77.4	80.0	81.9	83.9	84.5	84.5	85.2	85.8	85.8	86.5	86.5	86.5	86.5
M/V 6000	59.4	71.0	76.1	77.4	80.0	81.9	83.9	84.5	84.5	85.2	85.8	85.8	86.5	86.5	86.5	86.5
M/V 5000	60.0	71.6	76.8	78.1	80.7	82.6	84.5	85.2	85.2	85.8	86.5	86.5	87.1	87.1	87.1	87.1
M/V 4500	60.0	71.6	77.4	78.7	81.3	83.2	85.2	85.8	85.8	86.5	87.1	87.1	87.7	87.7	87.7	87.7
M/V 4000	60.0	71.6	77.4	78.7	81.3	83.2	85.2	85.8	85.8	86.5	87.1	87.1	87.7	87.7	87.7	87.7
M/V 3500	60.0	71.6	77.4	78.7	81.3	83.2	85.2	85.8	85.8	86.5	87.1	87.1	87.7	87.7	87.7	87.7
M/V 3000	60.0	71.6	77.4	78.7	81.3	83.2	85.2	85.8	85.8	86.5	87.1	87.1	87.7	87.7	87.7	87.7
M/V 2500	60.7	72.3	78.7	80.0	82.6	84.5	86.5	87.1	87.1	87.7	88.4	88.4	89.0	89.0	89.0	89.0
M/V 2000	60.7	73.6	80.7	81.9	84.5	86.5	88.4	89.0	89.0	89.7	90.3	90.3	91.0	91.0	91.0	91.0
M/V 1800	60.7	73.6	80.7	81.9	84.5	86.5	88.4	89.0	89.0	89.7	90.3	90.3	91.0	91.0	91.0	91.0
M/V 1500	60.7	74.2	83.2	84.5	87.1	89.0	91.0	91.6	91.6	92.3	92.9	92.9	93.6	93.6	93.6	93.6
M/V 1200	60.7	74.2	83.2	84.5	87.7	89.7	91.6	92.3	92.3	92.9	93.6	93.6	94.2	94.2	94.2	94.2
M/V 1000	61.3	74.8	83.9	85.2	88.4	91.0	92.9	93.6	93.6	94.2	94.8	94.8	95.5	95.5	95.5	95.5
M/V 900	61.3	75.5	84.5	85.8	89.0	92.3	94.2	94.8	94.8	95.5	96.1	96.1	96.8	96.8	96.8	96.8
M/V 800	61.3	75.5	84.5	85.8	89.0	92.3	94.2	95.5	95.5	96.1	96.8	96.8	97.4	97.4	97.4	97.4
M/V 700	61.3	75.5	84.5	85.8	89.0	92.3	94.2	95.5	95.5	96.1	96.8	96.8	97.4	97.4	97.4	97.4
M/V 600	61.3	76.1	85.2	86.5	89.7	92.9	94.8	96.1	96.1	96.8	97.4	97.4	98.1	98.1	98.1	98.1
M/V 500	61.3	76.1	85.2	86.5	89.7	92.9	94.8	96.1	96.1	96.8	97.4	97.4	98.1	98.1	98.1	98.1
M/V 400	61.3	76.1	85.2	86.5	89.7	92.9	94.8	96.1	96.1	96.8	98.1	98.1	98.7	98.7	98.7	98.7
M/V 300	61.3	76.1	85.2	86.5	89.7	92.9	94.8	96.1	96.1	96.8	98.1	98.1	98.7	98.7	98.7	98.7
M/V 200	61.3	76.1	85.2	86.5	89.7	92.9	94.8	96.1	96.1	97.4	98.7	98.7	99.4	99.4	99.4	99.4
M/V 100	61.3	76.1	85.2	86.5	89.7	92.9	94.8	96.1	96.1	97.4	98.7	98.7	99.4	99.4	99.4	100.0
M/V 0	61.3	76.1	85.2	86.5	89.7	92.9	94.8	96.1	96.1	97.4	98.7	98.7	99.4	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

22 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	49.0	58.1	61.9	63.9	67.7	67.7	71.0	71.6	71.6	71.6	72.3	72.3	72.9	72.9	72.9	74.2
≥ 20000	52.9	61.9	65.8	67.7	71.6	71.6	75.5	76.1	76.1	76.8	77.4	77.4	78.1	78.1	78.1	79.4
≥ 18000	52.9	61.9	65.8	67.7	71.6	71.6	75.5	76.1	76.1	76.8	77.4	77.4	78.1	78.1	78.1	79.4
≥ 16000	53.6	62.6	66.5	68.4	72.3	72.3	76.1	76.8	76.8	77.4	78.1	78.1	78.7	78.7	78.7	80.0
≥ 14000	53.6	62.6	66.5	68.4	72.3	72.3	76.1	76.8	76.8	77.4	78.1	78.1	78.7	78.7	78.7	80.0
≥ 12000	53.6	62.6	66.5	68.4	72.3	72.3	76.1	76.8	76.8	77.4	78.1	78.1	78.7	78.7	78.7	80.0
≥ 10000	54.2	63.9	67.7	70.3	74.2	74.2	78.1	78.7	78.7	79.4	80.0	80.0	80.7	80.7	80.7	81.9
≥ 9000	54.2	63.9	67.7	70.3	74.2	74.2	78.1	78.7	78.7	79.4	80.0	80.0	80.7	80.7	80.7	81.9
≥ 8000	55.5	65.2	69.0	71.6	75.5	75.5	79.4	80.0	80.0	80.7	81.3	81.3	81.9	81.9	81.9	83.2
≥ 7000	56.1	65.8	69.7	72.3	76.1	76.1	80.0	80.7	80.7	81.3	81.9	81.9	82.6	82.6	82.6	83.9
≥ 6000	56.1	65.8	69.7	72.3	76.1	76.1	80.0	80.7	80.7	81.3	81.9	81.9	82.6	82.6	82.6	83.9
≥ 5000	56.1	65.8	70.3	72.9	76.8	76.8	80.7	81.3	81.3	81.9	82.6	82.6	83.2	83.2	83.2	84.5
≥ 4500	56.1	65.8	70.3	72.9	76.8	76.8	80.7	81.3	81.3	81.9	82.6	82.6	83.2	83.2	83.2	84.5
≥ 4000	56.1	65.8	70.3	72.9	76.8	76.8	80.7	81.3	81.3	81.9	82.6	82.6	83.2	83.2	83.2	84.5
≥ 3500	56.1	65.8	70.3	72.9	76.8	76.8	80.7	81.3	81.3	81.9	82.6	82.6	83.2	83.2	83.2	84.5
≥ 3000	58.1	67.7	72.3	74.8	78.7	78.7	82.6	83.2	83.2	83.9	84.5	84.5	85.2	85.2	85.2	86.5
≥ 2500	58.1	67.7	72.9	76.1	80.0	80.0	83.9	84.5	84.5	85.2	85.8	85.8	86.5	86.5	86.5	87.7
≥ 2000	58.1	67.7	73.6	76.8	80.7	80.7	84.5	85.2	85.2	85.8	86.5	86.5	87.1	87.1	87.1	88.4
≥ 1800	58.1	67.7	74.2	77.4	81.3	81.3	85.2	85.8	85.8	86.5	87.1	87.1	87.7	87.7	87.7	89.0
≥ 1500	58.7	69.0	76.1	79.4	83.2	83.2	87.1	87.7	87.7	88.4	89.0	89.0	89.7	89.7	89.7	91.0
≥ 1200	58.7	69.0	76.1	79.4	83.9	83.9	87.7	88.4	88.4	89.0	89.7	89.7	90.3	90.3	90.3	91.6
≥ 1000	58.7	69.0	76.1	79.4	84.5	84.5	88.4	89.0	89.0	90.3	91.0	91.0	91.6	91.6	91.6	92.9
≥ 900	58.7	69.0	76.8	80.0	85.2	85.2	89.0	89.7	89.7	91.0	91.6	91.6	92.3	92.3	92.3	93.6
≥ 800	58.7	69.7	78.1	81.3	87.1	87.1	91.0	91.6	91.6	92.9	93.6	93.6	94.2	94.2	94.2	95.5
≥ 700	58.7	69.7	78.1	81.3	87.1	87.1	91.0	91.6	91.6	92.9	93.6	93.6	94.2	94.2	94.2	95.5
≥ 600	58.7	69.7	78.7	81.9	87.7	87.7	91.6	92.3	92.3	93.6	94.2	94.2	94.8	94.8	94.8	96.1
≥ 500	58.7	69.7	78.7	81.9	87.7	87.7	91.6	92.3	92.3	93.6	94.2	94.2	94.8	94.8	94.8	96.1
≥ 400	58.7	69.7	78.7	81.9	87.7	87.7	91.6	92.3	92.3	94.2	94.8	94.8	95.5	95.5	95.5	96.8
≥ 300	58.7	69.7	78.7	81.9	87.7	87.7	91.6	92.3	92.3	94.2	94.8	94.8	95.5	95.5	95.5	96.8
≥ 200	58.7	69.7	78.7	81.9	87.7	87.7	91.6	92.9	92.9	94.8	95.5	95.5	96.1	96.8	96.8	98.1
≥ 100	58.7	69.7	78.7	81.9	87.7	87.7	91.6	92.9	92.9	94.8	95.5	95.5	96.8	97.4	97.4	98.7
0	58.7	69.7	78.7	81.9	87.7	87.7	91.6	92.9	92.9	94.8	95.5	95.5	96.8	97.4	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) POINT MUGU, CALIFORNIA (STATION NAME) 73-77 (YEARS) DEC (MONTH) ALL (HOURS (L S T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	51.1	59.5	63.2	64.5	67.7	68.9	70.7	71.2	71.3	71.5	72.0	72.0	72.4	72.4	72.5	72.9
≥ 20000	54.5	63.0	67.1	68.7	72.0	73.2	75.2	76.0	76.1	76.5	77.1	77.1	77.5	77.5	77.6	78.2
≥ 18000	54.8	63.5	67.7	69.3	72.6	73.7	75.8	76.5	76.6	77.1	77.7	77.7	78.1	78.1	78.2	78.7
≥ 16000	55.1	63.8	68.0	69.6	73.0	74.1	76.2	76.9	77.0	77.5	78.1	78.1	78.5	78.5	78.6	79.1
≥ 14000	55.7	64.5	68.7	70.3	73.7	74.8	76.9	77.7	77.7	78.2	78.8	78.8	79.2	79.2	79.3	79.8
≥ 12000	56.0	64.8	69.0	70.7	74.0	75.2	77.3	78.0	78.1	78.6	79.1	79.1	79.5	79.5	79.6	80.2
≥ 10000	56.8	66.1	70.3	72.0	75.4	76.5	78.6	79.4	79.4	79.9	80.5	80.5	80.9	80.9	81.0	81.5
≥ 9000	56.8	66.1	70.3	72.0	75.4	76.5	78.6	79.4	79.4	79.9	80.5	80.5	80.9	80.9	81.0	81.5
≥ 8000	57.6	66.9	71.3	73.0	76.4	77.5	79.6	80.3	80.4	80.9	81.5	81.5	81.9	81.9	81.9	82.5
≥ 7000	58.0	67.5	71.9	73.6	77.0	78.2	80.2	81.0	81.1	81.5	82.1	82.1	82.5	82.5	82.6	83.2
≥ 6000	58.1	67.7	72.1	73.9	77.3	78.4	80.5	81.2	81.3	81.8	82.3	82.3	82.7	82.7	82.8	83.4
≥ 5000	58.2	67.9	72.3	74.1	77.6	78.7	80.8	81.5	81.6	82.1	82.7	82.7	83.1	83.1	83.2	83.7
≥ 4500	58.5	68.6	73.2	75.0	78.5	79.6	81.7	82.4	82.5	83.0	83.6	83.6	84.0	84.0	84.0	84.6
≥ 4000	58.5	68.8	73.5	75.2	78.7	79.8	81.9	82.7	82.7	83.2	83.8	83.8	84.2	84.2	84.3	84.8
≥ 3500	58.6	69.0	73.6	75.4	78.9	80.0	82.1	82.8	82.9	83.4	84.0	84.0	84.4	84.4	84.4	85.0
≥ 3000	59.0	69.4	74.0	75.9	79.4	80.5	82.6	83.3	83.4	83.9	84.4	84.4	84.8	84.8	84.9	85.5
≥ 2500	59.2	69.7	74.5	76.5	80.0	81.1	83.2	84.0	84.0	84.5	85.1	85.1	85.5	85.5	85.6	86.1
≥ 2000	59.4	70.3	75.7	77.8	81.5	82.6	84.8	85.7	85.7	86.2	86.8	86.8	87.2	87.2	87.3	87.8
≥ 1800	59.4	70.4	75.9	78.0	81.7	82.8	85.1	85.9	86.1	86.5	87.1	87.1	87.5	87.5	87.6	88.2
≥ 1500	59.5	71.2	77.6	79.9	84.0	85.5	87.9	88.8	89.0	89.4	90.0	90.0	90.5	90.5	90.6	91.1
≥ 1200	59.8	71.5	77.8	80.2	84.5	86.1	88.9	89.8	89.9	90.5	91.1	91.1	91.5	91.5	91.6	92.2
≥ 1000	59.9	71.8	78.2	80.7	85.5	87.1	90.2	91.6	91.8	92.5	93.1	93.1	93.6	93.6	93.6	94.2
≥ 900	59.9	71.9	78.4	80.9	85.7	87.4	90.6	91.9	92.1	92.8	93.4	93.4	93.9	93.9	94.0	94.5
≥ 800	59.9	72.0	78.7	81.3	86.2	88.0	91.2	92.7	92.8	93.6	94.2	94.2	94.8	94.8	94.8	95.4
≥ 700	59.9	72.0	78.9	81.5	86.4	88.2	91.5	93.2	93.3	94.2	94.8	94.8	95.3	95.3	95.4	96.0
≥ 600	59.9	72.3	79.4	82.0	87.0	88.8	92.2	93.8	94.0	94.9	95.7	95.7	96.3	96.3	96.4	96.9
≥ 500	59.9	72.3	79.4	82.2	87.2	89.0	92.3	94.0	94.2	95.2	95.9	95.9	96.5	96.5	96.6	97.2
≥ 400	59.9	72.3	79.4	82.2	87.2	89.0	92.3	94.0	94.2	95.3	96.1	96.1	96.9	96.9	96.9	97.6
≥ 300	59.9	72.3	79.4	82.2	87.2	89.0	92.3	94.0	94.2	95.5	96.5	96.5	97.2	97.2	97.3	97.9
≥ 200	59.9	72.3	79.4	82.2	87.2	89.0	92.4	94.3	94.4	96.0	96.9	96.9	97.7	97.7	97.9	98.6
≥ 100	59.9	72.3	79.4	82.2	87.2	89.0	92.4	94.3	94.4	96.0	96.9	96.9	97.7	97.9	98.1	99.0
≥ 0	59.9	72.3	79.4	82.2	87.2	89.0	92.4	94.3	94.4	96.0	96.9	96.9	97.7	97.9	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 1240

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | ALL (MONTH) | ALL (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	33.9	49.0	54.2	56.9	59.2	59.9	60.7	60.8	60.9	61.1	61.2	61.2	61.3	61.3	61.3	61.4
≥ 20000	35.3	51.0	56.5	59.3	61.9	62.6	63.4	63.6	63.6	63.9	63.9	63.9	64.0	64.0	64.1	64.3
≥ 18000	35.5	51.1	56.6	59.5	62.0	62.8	63.6	63.8	63.8	64.0	64.1	64.1	64.2	64.2	64.3	64.4
≥ 16000	35.5	51.2	56.8	59.6	62.2	62.9	63.8	63.9	64.0	64.2	64.3	64.3	64.4	64.4	64.4	64.6
≥ 14000	35.8	51.7	57.3	60.1	62.8	63.5	64.3	64.5	64.5	64.8	64.9	64.9	65.0	65.0	65.0	65.2
≥ 12000	35.9	52.0	57.5	60.4	63.1	63.8	64.6	64.8	64.8	65.1	65.2	65.2	65.3	65.3	65.3	65.5
≥ 10000	36.2	52.4	58.1	61.0	63.7	64.5	65.3	65.5	65.5	65.8	65.9	65.9	66.0	66.0	66.0	66.2
≥ 9000	36.3	52.5	58.2	61.1	63.8	64.6	65.4	65.6	65.6	65.9	66.0	66.0	66.1	66.1	66.1	66.3
≥ 8000	36.5	52.9	58.6	61.6	64.3	65.0	65.9	66.1	66.1	66.4	66.4	66.4	66.5	66.5	66.6	66.8
≥ 7000	36.7	53.2	58.9	61.9	64.6	65.4	66.2	66.5	66.5	66.8	66.8	66.8	66.9	66.9	67.0	67.1
≥ 6000	36.9	53.3	59.1	62.1	64.8	65.6	66.4	66.7	66.7	67.0	67.1	67.1	67.1	67.1	67.2	67.4
≥ 5000	37.0	53.6	59.4	62.4	65.1	65.9	66.7	67.0	67.0	67.3	67.4	67.4	67.4	67.4	67.5	67.7
≥ 4500	37.3	54.1	59.9	62.9	65.7	66.5	67.3	67.6	67.6	67.9	67.9	67.9	68.0	68.0	68.1	68.2
≥ 4000	37.5	54.4	60.3	63.3	66.1	66.9	67.7	68.0	68.0	68.3	68.4	68.4	68.4	68.4	68.5	68.7
≥ 3500	37.7	54.7	60.6	63.7	66.4	67.2	68.1	68.3	68.3	68.6	68.7	68.7	68.8	68.8	68.8	69.0
≥ 3000	38.1	55.4	61.4	64.6	67.4	68.2	69.0	69.3	69.3	69.5	69.6	69.6	69.7	69.7	69.8	69.9
≥ 2500	38.4	56.2	62.5	65.7	68.6	69.4	70.2	70.5	70.5	70.8	70.9	70.9	71.0	71.0	71.0	71.2
≥ 2000	38.9	57.6	64.4	67.8	70.9	71.7	72.7	73.0	73.0	73.3	73.4	73.4	73.5	73.5	73.5	73.7
≥ 1800	39.0	57.9	64.7	68.2	71.3	72.2	73.2	73.5	73.5	73.8	73.9	73.9	74.0	74.0	74.0	74.2
≥ 1500	39.4	59.1	66.6	70.6	74.1	75.3	76.4	76.8	76.8	77.2	77.3	77.3	77.4	77.4	77.4	77.6
≥ 1200	39.5	59.6	67.4	71.6	75.4	76.7	77.9	78.4	78.4	78.7	78.8	78.8	79.0	79.0	79.0	79.2
≥ 1000	39.8	60.6	69.0	73.7	78.2	79.7	81.3	81.8	81.8	82.2	82.3	82.3	82.4	82.4	82.5	82.6
≥ 900	39.8	60.7	69.2	74.1	78.8	80.4	82.0	82.6	82.6	83.0	83.1	83.1	83.2	83.2	83.3	83.4
≥ 800	39.9	61.4	70.3	75.6	80.9	82.8	84.7	85.4	85.4	85.8	85.9	85.9	86.0	86.0	86.1	86.3
≥ 700	40.0	61.8	71.2	76.8	82.6	84.8	87.1	87.8	87.9	88.4	88.5	88.5	88.6	88.6	88.7	88.9
≥ 600	40.0	62.1	71.5	77.5	83.6	86.1	88.7	89.6	89.6	90.2	90.4	90.4	90.5	90.6	90.6	90.8
≥ 500	40.0	62.2	71.8	77.9	84.4	87.1	90.1	91.2	91.2	92.0	92.2	92.2	92.3	92.3	92.4	92.6
≥ 400	40.0	62.2	71.9	78.1	85.0	88.0	91.4	92.7	92.7	93.6	93.9	93.9	94.1	94.1	94.1	94.3
≥ 300	40.0	62.2	72.0	78.3	85.3	88.4	92.5	94.0	94.0	95.3	95.6	95.6	95.8	95.8	95.9	96.2
≥ 200	40.0	62.2	72.0	78.3	85.5	88.6	92.9	94.6	94.7	96.3	96.8	96.8	97.1	97.2	97.4	97.7
≥ 100	40.0	62.2	72.0	78.3	85.5	88.7	93.0	94.7	94.8	96.6	97.2	97.2	97.8	97.9	98.2	98.7
0	40.0	62.2	72.0	78.3	85.5	88.7	93.0	94.7	94.8	96.6	97.2	97.3	97.9	98.1	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 14605

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

SKY COVER

93111 (STATION) POINT MUGU, CALIFORNIA (STATION NAME) 73-77 (PERIOD) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JAN	01	69.7	5.2	6.5	3.9	1.3	3.9	.6	3.9	3.9	3.2	18.1	3.3	155
	04	69.7	5.2	6.5	7.7	1.9	1.3	.6	1.9	1.9	3.9	19.4	3.2	155
	07	36.2	5.2	6.5	9.0	4.5	2.6	3.9	2.6	8.4	4.5	18.7	4.1	155
	10	36.2	3.9	7.7	4.5	3.9	2.6	3.9	5.2	4.5	6.5	23.2	4.5	155
	13	25.8	7.7	6.5	8.4	3.2	4.5	4.5	4.5	5.8	5.8	23.2	4.7	155
	16	24.5	10.3	6.5	9.0	4.5	2.6	2.6	3.9	5.8	6.5	23.9	4.7	155
	19	38.1	5.8	9.0	9.0	5.2	1.3	1.9	4.5	2.6	2.6	20.0	3.7	155
	22	46.5	4.5	5.8	11.0	1.9	1.3	2.6	3.2	3.9	1.3	18.1	3.2	155
TOTALS		37.8	6.0	6.9	7.8	3.3	2.5	2.6	3.7	4.6	4.3	20.6	3.9	1240

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5704 SKY COVER JAN 68

2

SKY COVER

93111 (STATION) POINT MUGU, CALIFORNIA (STATION NAME) 73-77 (PERIOD) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
FEB	01	45.4	6.4	2.8	5.7	1.4	2.1	3.5	2.8	6.4	3.5	19.9	3.7	141
	04	46.8	2.1	3.5	2.8	2.1	2.1	2.1	5.0	6.4	2.1	24.8	4.0	141
	07	22.7	8.5	2.8	7.8	4.3	2.1	1.4	7.1	5.0	7.1	31.2	5.4	141
	10	24.8	5.0	7.1	6.4	5.0	2.1	2.8	9.9	7.1	5.7	24.1	5.0	141
	13	24.1	5.7	5.0	3.5	5.0	3.5	4.3	7.1	9.2	9.2	23.4	5.3	141
	16	21.3	9.9	6.4	9.2	5.0	5.7	2.8	5.7	8.5	5.7	19.9	4.7	141
	19	35.5	4.3	7.1	7.1	5.7	1.4	4.3	6.4	6.4	3.5	18.4	4.1	141
	22	41.1	6.4	5.0	5.7	2.8	4.3	2.8	5.0	3.7	1.4	19.9	3.7	141
TOTALS		32.7	6.0	5.0	6.0	3.9	2.9	3.0	6.1	6.8	4.8	22.7	4.5	1128

5704 SKY COVER JAN 68

SKY COVER

[redacted] POINT MUGU, CALIFORNIA (STATION NAME) 73-77 (PERIOD) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
MAR	01	52.3	1.9	3.9	2.6	5.8	1.3	.6	4.5	3.9	1.3	21.9	3.4	155
	04	43.2	1.3	6.5	9.7	1.3	1.3	.6	3.9	5.8	1.3	25.2	4.0	155
	07	32.3	3.9	4.5	3.9	7.1	1.3	3.2	4.5	5.2	2.6	31.6	4.9	155
	10	31.0	7.1	7.7	2.6	2.6	2.6	2.6	5.8	8.4	5.2	24.5	4.7	155
	13	27.7	3.2	7.7	7.7	9.0	5.2	3.2	5.8	6.5	3.9	20.0	4.5	155
	16	24.5	7.1	9.7	8.4	4.5	5.8	3.9	4.5	7.7	3.9	20.0	4.5	155
	19	29.0	6.5	9.7	9.7	6.5	5.2	1.9	5.8	5.8	3.9	16.1	4.0	155
	22	46.5	3.2	9.7	6.5	2.6	1.3	3.2	2.6	3.9	.6	20.0	3.3	155
TOTALS		35.8	4.3	7.4	6.4	4.9	3.0	2.4	4.7	5.9	2.8	22.4	4.2	1240

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5704 SKY COVER JAN 68

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SKY COVER

93111 (STATION) POINT MUGU, CALIFORNIA (STATION NAME) 73-77 (PERIOD) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
APR	01	52.0	3.3	4.7	5.3	.7	2.7	2.0	3.3	1.3	1.3	23.3	3.4	150
	04	48.7	2.7	4.7	2.7	1.3	2.0	2.7	3.3	4.7	1.3	26.0	3.8	150
	07	38.7	6.0	2.0	1.3	3.3	2.0	3.3	.7	7.3	5.3	30.0	4.7	150
	10	33.3	6.0	7.3	5.3	4.7	4.0	1.3	2.7	4.0	4.0	27.3	4.4	150
	13	26.0	12.7	11.3	11.3	4.7	3.3	1.3	1.3	6.0	2.0	20.0	3.9	150
	16	34.7	9.3	10.7	7.3	6.7	4.0	2.0	2.0	6.7	4.7	12.0	3.4	150
	19	40.7	6.7	8.0	2.7	4.0	5.3	1.3	6.0	3.3	5.3	16.7	3.6	150
	22	52.0	3.3	4.0	6.7	4.0		2.0	1.3	4.0	2.0	20.7	3.3	150
TOTALS		40.8	6.3	6.6	5.3	3.7	2.9	2.0	2.6	4.7	3.2	22.0	3.8	1200

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5704 SKY COVER JAN 68

SKY COVER

93111 (STATION) POINT MUGU, CALIFORNIA (STATION NAME) 73-77 (PERIOD) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
MAY	01	36.8	1.9	2.6	9.0	2.6	1.3	5.2	1.3	3.9	1.3	34.2	4.8	155
	04	27.1	3.2	2.6	2.6	3.2	3.2	1.3	3.9	4.5	2.6	45.8	6.0	155
	07	17.4	3.9	3.9	3.2	.6	.6	3.2	2.6	5.8	7.7	51.0	6.9	155
	10	12.9	6.5	7.7	8.4	5.8	2.6	1.3	2.6	4.5	3.2	44.5	6.2	155
	13	18.7	8.4	7.7	3.2	8.4	3.9	1.9	3.2	3.9	5.8	34.8	5.5	155
	16	25.2	5.2	7.1	9.7	3.2	3.2	1.9	3.9	9.0	3.2	28.4	5.0	155
	19	22.6	11.0	7.7	7.1	3.9	3.2	.6	3.9	4.5	1.9	33.5	5.0	155
	22	40.6	5.2	5.2	4.5	4.5	1.3	1.3	2.6	6.5		28.4	4.1	155
TOTALS		25.2	5.7	5.6	6.0	4.0	2.4	2.1	3.0	5.3	3.2	37.6	5.4	1240

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5704 SKY COVER JAN 68

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SKY COVER

93111 (STATION) POINT MUGU, CALIFORNIA (STATION NAME) 73-77 (PERIOD) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JUN	01	36.0	1.3	2.0	2.0	3.3	2.7		2.7	2.0	.7	47.3	5.5	150
	04	28.7	2.0	2.7	2.0	2.7	.7	1.3	.7	.7	2.7	56.0	6.3	150
	07	18.7	4.0	2.0	2.7	1.3	3.3	2.0	3.3	3.3	3.3	56.0	6.9	150
	10	23.3	2.0	5.3	2.7	4.0	1.3	.7	4.7	3.3	4.0	48.7	6.3	150
	13	32.0	3.3	4.7	3.3	2.0	4.0	2.7	3.3	5.3	4.7	34.7	5.2	150
	16	39.3	5.3	3.3	3.3	4.0	4.0	1.3	2.7	4.0	4.0	28.7	4.4	150
	19	36.7	8.7	4.0	6.0	4.0	3.3	2.7	2.0	2.0	.7	30.0	4.2	150
	22	46.3	2.7	5.4	2.7	.7	1.3	2.7	2.0	1.3	2.0	32.9	4.2	149
TOTALS		32.6	3.7	3.7	3.1	2.8	2.6	1.7	2.7	2.7	2.8	41.8	5.4	1199

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5704 SKY COVER JAN 68

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SKY COVER

93111 STATION | POINT MUGU, CALIFORNIA STATION NAME | 73-77 PERIOD | JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JUL	01	38.1	2.6	5.2	3.2	3.2	1.3	.6	2.6	1.3	1.3	40.6	4.9	155
	04	26.5	1.9	1.9	1.9	3.2	1.9	1.3	1.9	3.9	1.3	54.2	6.4	155
	07	16.1	.6	1.3	3.2	.6	2.6	1.9	4.5	3.2	3.2	62.6	7.5	155
	10	19.4	5.8	5.2	2.6	1.9	3.9	1.9	3.2	3.9	3.9	48.4	6.3	155
	13	27.1	2.6	5.8	5.2	4.5	6.5	3.9	4.5	7.7	8.4	23.9	5.1	155
	16	41.9	4.5	7.7	5.2	7.7	3.2	1.3	4.5	3.9	2.6	17.4	3.5	155
	19	45.2	5.8	5.2	5.8	1.9	1.9	2.6	2.6	9.7	1.9	17.4	3.5	155
	22	52.3	2.6	2.6	6.5	1.3	1.3		3.9	5.8	1.3	22.6	3.5	155
TOTALS		33.3	3.3	4.4	4.2	3.0	2.8	1.7	3.5	4.9	3.0	35.9	5.1	1240

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5704 SKY COVER JAN 68

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SKY COVER

93111 (STATION) POINT MUGU, CALIFORNIA (STATION NAME) 73-77 (PERIOD) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
AUG	01	30.3	2.6	1.3	3.9	3.9	2.6	1.9	2.6	1.3	2.6	47.1	5.8	155
	04	20.6	1.9	2.6	2.6	.6	1.3	3.2	3.2	5.8	1.3	56.8	6.9	155
	07	18.1	3.2	3.2	.6			1.3	1.3	4.5	3.9	63.9	7.4	155
	10	25.8	1.9	1.9	6.5	3.2	5.2	2.6	5.2	2.6	5.2	40.0	5.8	155
	13	32.3	6.5	6.5	6.5	3.2	5.8	.6	1.9	7.1	5.2	24.5	4.5	155
	16	40.0	7.1	9.7	6.5	3.2	2.6	2.6	3.9	4.5	3.9	16.1	3.5	155
	19	36.8	10.3	6.5	3.2	3.2	1.3	1.9	2.6	6.5	3.2	24.5	4.1	155
	22	43.9	1.9	3.9	3.2	1.3	1.3	1.9	1.9	1.9	1.3	37.4	4.6	155
TOTALS		31.0	4.4	4.5	4.1	2.3	2.5	2.0	2.8	4.3	3.3	38.8	5.3	1240

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5704 SKY COVER JAN 68

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SKY COVER

93111 STATION | POINT MUGU, CALIFORNIA STATION NAME | 73-77 PERIOD | SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
SEP	01	34.0	2.7	4.0	2.0	.7	2.7	.7	2.0	3.3	.7	47.3	5.6	150
	04	26.7		2.7	5.3	1.3	1.3	1.3	1.3	4.0	.7	55.3	6.4	150
	07	13.3	2.0	2.7	4.0	3.3	.7	2.0	4.0	2.7	5.3	60.0	7.5	150
	10	16.7	3.3	2.7	4.7	4.0	4.0	2.0	3.3	5.3	6.0	48.0	6.7	150
	13	25.3	3.3	5.3	3.3	5.3	.7	3.3	5.3	9.3	3.3	35.3	5.6	150
	16	26.0	7.3	8.0	7.3	4.7	3.3	4.7	3.3	4.0	4.7	26.7	4.7	150
	19	35.3	4.7	5.3	4.0	1.3	.7	1.3	2.7	8.0	4.0	32.7	4.9	150
	22	38.0	3.3	2.7	5.3	2.7		1.3	4.0	4.0	.7	38.0	4.9	150
TOTALS		26.9	3.3	4.2	4.5	2.9	1.7	2.1	3.2	5.1	3.2	42.9	5.8	1200

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5704 SKY COVER JAN 68

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SKY COVER

93111 (STATION) POINT MUGU, CALIFORNIA (STATION NAME) 73-77 (PERIOD) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
OCT	01	38.1	2.6	2.6	6.5	3.9	2.6	.6	4.5	4.5	1.3	32.9	4.7	155
	04	36.8	1.9	3.9	5.8	1.9	1.3	1.3	7.1	3.2	4.5	32.3	4.9	155
	07	27.1	3.9	3.9	3.9	4.5		4.5	1.3	8.4	6.5	36.1	5.6	155
	10	30.3	5.8	2.6	7.1	5.2	3.9	1.3	3.9	4.5	8.4	27.1	4.9	155
	13	31.6	5.8	7.1	9.7	7.1	3.9	4.5	3.9	5.8	7.1	13.5	4.0	155
	16	34.4	8.4	6.5	9.1	5.2	5.8	1.3	5.8	7.1	1.9	14.3	3.6	154
	19	43.2	2.6	9.0	5.8	3.2	1.3	3.2	3.9	4.5	2.6	20.6	3.7	155
	22	43.9	5.2	3.9	3.9	.6	1.9		3.2	3.9	1.9	31.6	4.2	155
TOTALS		35.7	4.5	4.9	6.5	4.0	2.6	2.1	4.2	5.2	4.3	26.1	4.5	1239

5704 SKY COVER JAN 68

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SKY COVER

93111 (STATION) POINT MUGU, CALIFORNIA (STATION NAME) 73-77 (PERIOD) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
NOV	01	54.0	3.3	4.7	3.3	2.0	2.0	4.7	4.7	1.3	3.3	16.7	3.1	150
	04	58.0		4.0	3.3	2.7	3.3	1.3	2.7	4.7	4.0	16.0	3.1	150
	07	38.0	4.0	8.0	4.0	5.3	2.7	4.0	4.0	10.0	6.7	13.3	3.9	150
	10	40.0	5.3	5.3	5.3	6.7	3.3	3.3	4.7	6.0	5.3	14.7	3.7	150
	13	36.7	5.3	6.7	5.3	4.7	4.0	4.0	6.7	6.7	7.3	12.7	3.9	150
	16	36.7	5.3	6.7	8.7	4.0	4.0	7.3	4.0	4.0	6.0	13.3	3.7	150
	19	46.0	10.0	6.0	6.0	6.7	2.7	2.0	3.3	3.3	1.3	12.7	2.8	150
	22	50.7	8.0	4.7	6.7	4.0	2.0	1.3	3.3	5.3	2.0	12.0	2.8	150
TOTALS		45.0	5.2	5.8	5.3	4.5	3.0	3.5	4.2	5.2	4.5	13.9	3.4	1200

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5704 SKY COVER JAN 68

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SKY COVER

93111 (STATION) POINT MUGU, CALIFORNIA (STATION NAME) 73-77 (PERIOD) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
DEC	01	46.5	5.8	7.7	6.5	1.9	3.2	3.2	.6	4.5	1.3	18.7	3.2	155
	04	50.3	3.2	5.2	3.9	3.2	1.9	1.3	3.2	3.9	3.2	20.6	3.4	155
	07	29.0	12.9	7.7	6.5	1.3	4.5	1.3	7.7	6.5	2.6	20.0	4.1	155
	10	30.3	13.5	1.3	5.2	3.2	4.5	.6	4.5	11.0	6.5	19.4	4.4	155
	13	35.5	8.4	2.6	5.2	2.6	3.2	4.5	7.7	7.1	5.2	18.1	4.2	155
	16	30.3	8.4	3.2	6.5	5.8	3.9	2.6	7.7	7.1	5.8	18.7	4.4	155
	19	41.9	6.5	8.4	8.4	3.9	1.9	.6	3.9	5.8	1.3	17.4	3.4	155
	22	43.9	7.7	6.5	6.5	3.2	1.3	1.9	1.3	4.5	3.9	19.4	3.4	155
TOTALS		38.5	8.3	5.3	6.1	3.1	3.1	2.0	4.6	6.3	3.7	19.0	3.8	1240

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5704 SKY COVER JAN 68

SKY COVER

93111 STATION | POINT MUGU, CALIFORNIA STATION NAME | 73-77 PERIOD | ALL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	37.8	6.0	6.9	7.8	3.3	2.5	2.6	3.7	4.6	4.3	20.6	3.9	1240
FEB		32.7	6.0	5.0	6.0	3.9	2.9	3.0	6.1	6.8	4.8	22.7	4.5	1128
MAR		35.8	4.3	7.4	6.4	4.9	3.0	2.4	4.7	5.9	2.8	22.4	4.2	1240
APR		40.8	6.3	6.6	5.3	3.7	2.9	2.0	2.6	4.7	3.2	22.0	3.8	1200
MAY		25.2	5.7	5.6	6.0	4.0	2.4	2.1	3.0	5.3	3.2	37.6	5.4	1240
JUN		32.6	3.7	3.7	3.1	2.8	2.6	1.7	2.7	2.7	2.8	41.8	5.4	1199
JUL		33.3	3.3	4.4	4.2	3.0	2.8	1.7	3.5	4.9	3.0	35.9	5.1	1240
AUG		31.0	4.4	4.5	4.1	2.3	2.5	2.0	2.8	4.3	3.3	38.8	5.3	1240
SEP		26.9	3.3	4.2	4.5	2.9	1.7	2.1	3.2	5.1	3.2	42.9	5.8	1200
OCT		35.7	4.5	4.9	6.5	4.0	2.6	2.1	4.2	5.2	4.3	26.1	4.5	1239
NOV		45.0	5.2	5.8	5.3	4.5	3.0	3.5	4.2	5.2	4.5	13.9	3.4	1200
DEC		38.5	8.3	5.3	6.1	3.1	3.1	2.0	4.6	6.3	3.7	19.0	3.8	1240
TOTALS		34.6	5.1	5.4	5.4	3.5	2.7	2.3	3.8	5.1	3.6	28.6	4.6	14606

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NWSD, Federal Building

Asheville, N. C.

PART E PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentation follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviation, and total number of observations in three separate tables as follows:

   a. Daily maximum temperature
   b. Daily minimum temperature
   c. Daily mean temperature

2. Extreme values - derived from daily observations with extreme value given for each year and month of record available. Extremes are provided for a month if all days for a month contain valid observations. All months for a year must have valid extremes before the ANNUAL value is selected for that year. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extreme temperatures are prepared:

   a. Extreme maximum temperature
   b. Extreme minimum temperature

   NOTE: A supplementary list also provides extreme temperatures when less than a full month is reported.

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from 3-hourly observations and is presented by month and annual, all hours and all years combined. The following information is provided:

   a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature vertically. Also provided for each dry-bulb temperature interval is the total no. of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may require two pages in some cases.

   NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares (ΣX^2), sums of values (ΣX), means ($\bar{X}$), and standard deviations (σx). The number of observations used in the computations for each element is also shown.

c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulations by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years available are combined. Tables are prepared for the following:

a. Dry-bulb temperature
b. Wet-bulb temperature
c. Dew-point temperature

5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.

a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.

b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

6. Percentage frequency of occurrence of dry-bulb temperature versus wind direction - This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The main body of the summary consists of dry bulb temperatures spread vertically in four degree increments and horizontally by eight wind directions (plus calm).

DAILY TEMPERATURES

93111 STATION — POINT MUGU, CALIFORNIA STATION NAME — 60-77 YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
100									.2	.7			.1
95				.4	.2			.2	1.1	1.8	.2		.3
90	.2				.5				3.0	3.9	.4		.7
85	1.4	.2	.2	2.0	.7	1.1	.4	.5	4.8	6.8	2.8	.4	1.8
80	5.9	2.9	1.6	3.7	1.6	1.7	1.6	3.2	9.1	11.5	8.9	2.5	4.5
75	11.5	8.8	3.4	5.2	2.7	2.4	11.3	31.4	27.2	20.4	16.9	8.8	12.5
70	20.6	18.1	9.5	10.9	10.0	25.6	61.1	85.3	73.3	52.7	30.7	17.7	34.8
65	35.5	36.5	21.9	36.1	52.5	83.1	98.4	99.5	98.9	92.5	61.1	39.1	63.0
60	68.5	75.2	69.7	85.0	98.6	100.0	100.0	100.0	100.0	99.8	95.4	74.4	88.9
55	94.8	99.2	99.1	99.3	100.0					100.0	99.8	95.9	99.0
50	99.6	100.0	100.0	100.0							100.0	99.1	99.9
45	100.0											100.0	100.0
MEAN	63.8	64.0	62.4	64.1	65.4	67.8	70.6	73.0	72.9	71.7	67.9	63.8	67.3
S. D.	7.844	6.392	5.050	5.937	4.220	3.755	3.461	3.566	5.639	7.165	6.968	6.761	6.856
TOTAL OBS.	558	509	558	540	558	540	558	558	540	558	540	558	6575

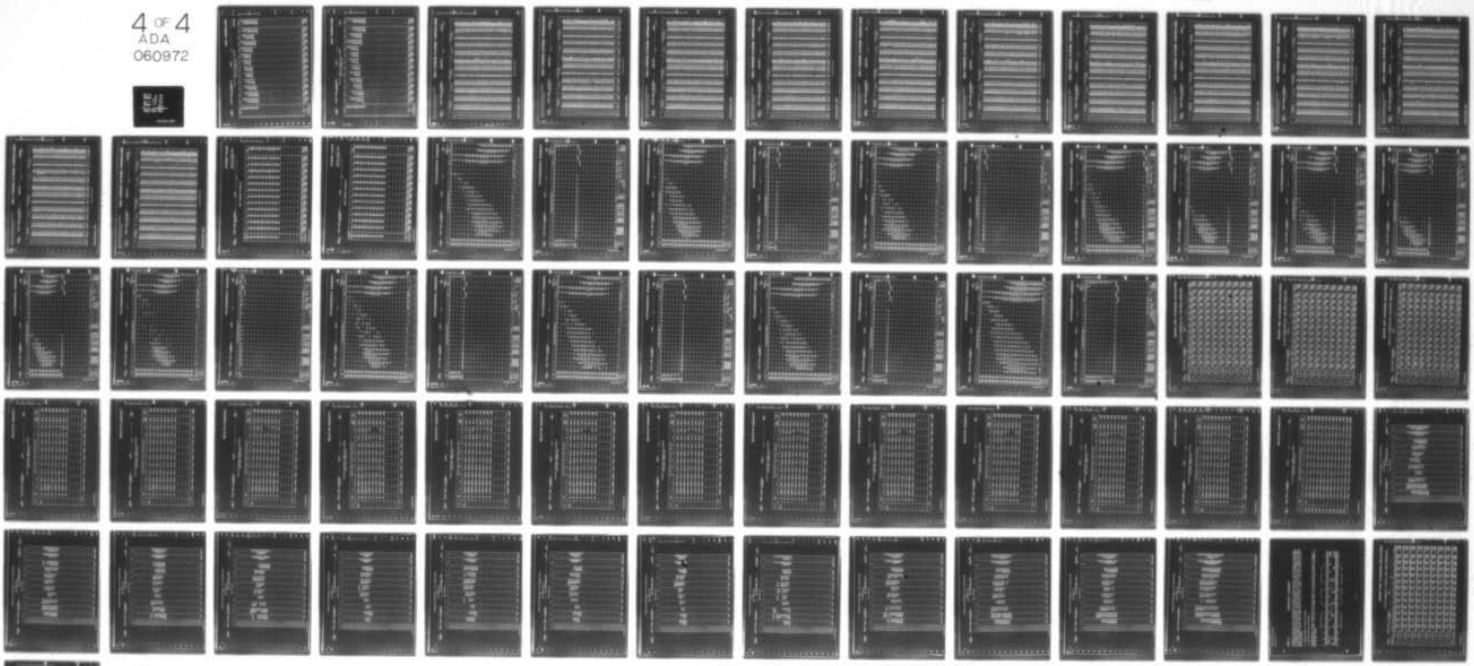
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5721 Daily Temperatures Jan 1968

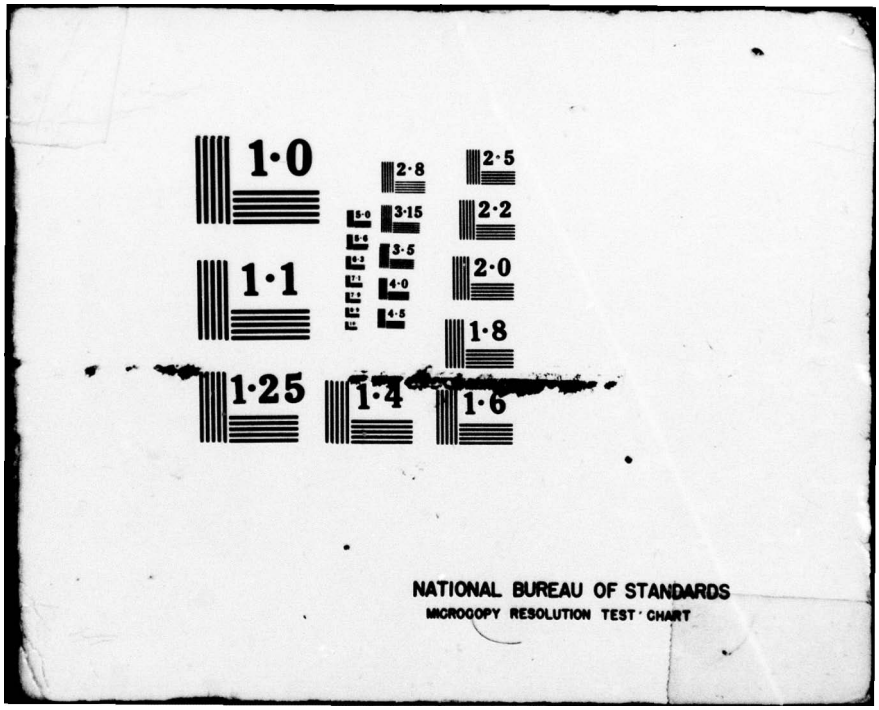
AD-A060 972 NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE N C F/G 4/2
SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE (SMOS) POINT MU--ETC(U)
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DAILY TEMPERATURES

93111 STATION — POINT MUGU, CALIFORNIA STATION NAME — 60-77 YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
≥ 70								.2	.4	.4			.1
≥ 65	.5						.9	3.4	6.5	1.6	.9	1.1	1.2
≥ 60	1.8	.6	.2	.2	.7	8.0	25.4	52.2	42.2	14.0	2.8	1.6	12.5
≥ 55	7.9	4.7	3.2	5.2	26.7	58.7	78.3	88.9	78.3	42.5	14.3	7.3	34.8
≥ 50	22.6	21.0	21.0	34.8	69.4	93.1	98.9	99.5	97.8	76.0	43.7	20.1	58.3
≥ 45	47.3	54.8	54.1	71.5	96.8	99.6	100.0	100.0	99.8	96.1	74.6	45.2	78.4
≥ 40	78.0	87.0	90.1	96.7	100.0	100.0			100.0	99.5	96.5	79.7	94.0
≥ 35	96.8	98.6	99.6	100.0						99.8	100.0	96.1	99.2
≥ 30	99.8	99.8	100.0							100.0		99.3	99.9
≥ 25	100.0	100.0										100.0	100.0
≥													
≥													
≥												

DAILY TEMPERATURES

93111 STATION | POINT MUGU, CALIFORNIA STATION NAME | 60-77 YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MEAN

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
85									.2	.2			.0
80									.9	1.1			.2
75	.2			.2	.2		.2	.7	3.0	3.0	.7		.7
70	2.9	.6		1.3	.7	1.7	3.9	14.0	13.3	8.2	4.6	1.8	4.4
65	7.5	3.9	1.6	3.7	2.5	10.9	41.2	70.8	58.9	30.5	10.2	5.9	20.8
60	18.6	14.1	7.3	14.2	40.3	81.3	97.3	99.3	96.3	74.6	37.2	15.9	49.9
55	43.7	48.1	40.0	63.9	91.2	99.4	100.0	100.0	100.0	98.2	78.0	42.8	75.5
50	79.2	92.5	92.7	95.9	100.0	100.0				99.5	98.5	81.9	95.0
45	97.7	99.8	100.0	100.0						100.0	100.0	97.0	99.5
40	100.0	100.0										99.8	100.0
35												100.0	100.0
MEAN	54.5	54.9	54.1	56.0	58.8	61.6	64.2	66.3	65.8	62.8	58.4	54.3	59.3
S. D.	6.271	4.940	3.629	4.178	3.117	2.742	2.838	2.997	3.904	5.072	5.271	5.822	6.237
TOTAL OBS.	558	509	558	540	558	540	558	558	540	558	540	558	6575

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5721 Daily Temperatures Jan 1969

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

5725 DAILY AVERAGE/EXTREME TEMP MAR 1978

93111	POINT MUGU, CALIFORNIA	1960-1977	JANUARY
STATION	STATION NAME	YEARS	MONTH

DAY	MEAN TEMP AVERAGE °F	MEAN TEMP AVERAGE °C	MAXIMUM TEMP AVERAGE °F	MAXIMUM TEMP AVERAGE °C	MAXIMUM TEMP EXTREME °F	MAXIMUM TEMP EXTREME °C	MAXIMUM TEMP EXTREME DATE	MINIMUM TEMP AVERAGE °F	MINIMUM TEMP AVERAGE °C	MINIMUM TEMP EXTREME °F	MINIMUM TEMP EXTREME °C	MINIMUM TEMP EXTREME DATE
1	50.9	10.5	60.8	16.0	71	21.7	1972	40.9	4.9	31	-0.6	1970
2	51.6	10.9	62.2	16.8	71	21.7	1967	41.0	5.0	30	-1.1	1975
3	52.0	11.1	62.5	16.9	79	26.1	1969	41.6	5.3	32	0.0	1976
4	51.8	11.0	63.0	17.2	84	28.9	1969	40.7	4.8	29	-1.7	1970
5	52.8	11.6	63.3	17.4	80	26.7	1969	42.3	5.7	32	0.0	1970
6	53.3	11.8	64.0	17.8	76	24.4	1961	42.6	5.9	34	1.1	1968
7	55.2	12.9	64.8	18.2	88	31.1	1962	45.7	7.6	36	2.2	1973
8	52.8	11.6	62.4	16.9	71	21.7	1966	43.2	6.2	31	-0.6	1971
9	52.9	11.6	61.9	16.6	75	23.9	1967	43.9	6.6	34	1.1	1972
10	53.9	12.2	62.7	17.1	82	27.8	1967	45.2	7.3	36	2.2	1972
11	53.4	11.9	62.4	16.9	77	25.0	1961	44.3	6.8	39	3.9	1971*
12	54.1	12.3	62.7	17.1	74	23.3	1975*	45.6	7.6	36	2.2	1962
13	55.3	12.9	63.6	18.7	79	26.1	1975*	45.1	7.3	35	1.7	1963
14	57.7	14.3	68.4	20.2	83	28.3	1975*	46.9	8.3	33	0.6	1963
15	57.6	14.2	67.3	19.6	88	31.1	1976	47.8	8.8	37	2.8	1964*
16	56.7	13.7	66.6	19.2	90	32.2	1976	46.8	8.2	33	0.6	1963
17	57.4	14.1	67.8	19.9	88	31.1	1965	46.9	8.3	36	2.2	1963*
18	56.2	13.4	66.2	19.0	83	28.3	1977*	46.2	7.9	35	1.7	1963
19	57.3	14.1	66.0	18.9	86	30.0	1975	48.6	9.2	39	3.9	1967*
20	55.9	13.3	63.9	17.7	82	27.8	1976	48.0	8.9	38	3.3	1967*
21	54.3	12.4	61.7	16.5	82	27.8	1976	46.9	8.3	36	2.2	1963
22	54.4	12.4	63.2	17.3	83	28.3	1968	45.5	7.5	34	1.1	1966
23	53.7	12.1	62.9	17.2	82	27.8	1968	44.5	6.9	35	1.7	1966
24	54.0	12.2	63.2	17.3	76	24.4	1974	44.8	7.1	35	1.7	1966
25	52.6	11.4	60.6	15.9	67	19.4	1977*	44.7	7.1	35	1.7	1966
26	53.0	11.7	62.2	16.8	82	27.8	1971	43.7	6.5	37	2.8	1976*
27	54.5	12.5	65.4	18.6	83	28.3	1976	43.7	6.5	36	2.2	1975
28	55.7	13.2	65.6	18.7	87	30.6	1976	45.8	7.7	33	0.6	1975
29	54.4	12.4	64.3	17.9	81	27.2	1962	44.6	7.0	31	-0.6	1975
30	53.6	12.0	62.4	16.9	75	23.9	1962	44.7	7.1	35	1.7	1968
31	52.7	11.5	61.9	16.6	78	25.6	1964	43.6	6.4	35	1.7	1975
Monthly	54.3	12.4	63.8	17.7	90	32.2	1976	44.7	7.1	29	-1.7	1970

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

93111 — STATION
POINT MUGU, CALIFORNIA — STATION NAME
1960-1977 — YEARS
FEBRUARY — MONTH

DAY	MEAN TEMP AVERAGE °F	MEAN TEMP AVERAGE °C	MAXIMUM TEMP AVERAGE °F	MAXIMUM TEMP AVERAGE °C	MAXIMUM TEMP EXTREME °F	MAXIMUM TEMP EXTREME °C	MAXIMUM TEMP EXTREME DATE	MINIMUM TEMP AVERAGE °F	MINIMUM TEMP AVERAGE °C	MINIMUM TEMP EXTREME °F	MINIMUM TEMP EXTREME °C	MINIMUM TEMP EXTREME DATE
1	54.2	12.3	62.2	16.8	69	20.6	1973*	46.1	7.8	38	3.3	1969
2	55.8	13.2	63.7	18.7	78	25.6	1964	45.9	7.7	39	3.9	1977
3	57.4	14.1	67.2	19.6	83	28.3	1968	47.6	8.7	41	5.0	1971*
4	55.7	13.2	64.9	18.3	83	28.3	1968	46.5	8.1	34	1.1	1971
5	54.3	12.4	63.4	17.4	75	23.9	1966*	45.1	7.3	36	2.2	1974
6	54.4	12.4	62.9	17.2	72	22.2	1974*	45.9	7.7	37	2.8	1977
7	53.3	11.9	61.7	16.5	69	20.6	1974	45.4	7.4	40	4.4	1977*
8	55.5	13.1	63.7	17.6	79	26.1	1964	47.3	8.5	37	2.8	1966
9	55.7	13.2	63.7	17.6	82	27.8	1971	47.8	8.8	39	3.9	1967*
10	54.6	12.6	63.1	17.3	80	26.7	1977	46.2	7.9	38	3.3	1965
11	55.5	13.1	64.5	18.1	73	22.8	1976*	46.4	8.0	39	3.9	1965
12	55.2	12.9	65.4	18.6	89	31.7	1971	45.1	7.3	37	2.8	1966
13	54.1	12.3	63.3	17.4	74	23.3	1971	45.0	7.2	34	1.1	1965
14	53.6	12.0	62.2	16.8	70	21.1	1960	45.1	7.3	36	2.2	1966
15	53.6	12.0	63.0	17.2	77	25.0	1977	44.2	6.8	34	1.1	1964
16	54.1	12.3	63.9	17.7	80	26.7	1977	44.3	6.8	38	3.3	1975*
17	53.1	11.7	63.0	17.2	75	23.9	1973	43.3	6.3	36	2.2	1965
18	53.3	11.8	63.1	17.3	80	26.7	1964	43.5	6.4	36	2.2	1973
19	55.0	12.8	64.7	18.2	82	27.8	1964	45.2	7.3	38	3.3	1975
20	55.9	13.3	65.8	18.8	79	26.1	1973	46.1	7.8	39	3.9	1974*
21	55.6	13.1	65.4	18.6	79	26.1	1966	45.8	7.7	34	1.1	1971
22	55.8	13.2	66.4	19.1	81	27.2	1976	45.2	7.3	38	3.3	1974*
23	56.2	13.4	67.2	19.6	83	28.3	1963	45.3	7.4	38	3.3	1960
24	55.2	12.9	64.3	17.9	77	25.0	1974	46.1	7.8	39	3.9	1971*
25	53.7	12.1	64.1	17.8	80	26.7	1974	43.3	6.3	35	1.7	1962*
26	52.9	11.6	62.4	16.9	67	19.4	1964	43.4	6.3	38	3.3	1977
27	53.3	11.8	63.2	17.3	80	26.7	1963	43.4	6.3	27	-2.8	1971
28	53.9	12.2	63.3	17.4	79	26.1	1963	44.4	6.9	34	1.1	1962
29	54.3	12.3	61.4	16.3	63	17.2	1972*	47.6	8.7	44	6.7	1972
30												
31												
Monthly	54.7	12.6	64.0	17.8	89	31.7	1971	45.4	7.4	27	-2.8	1971

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

5725 DAILY AVERAGE/EXTREME TEMP MAR 1978

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

93111 — STATION
POINT MUGU, CALIFORNIA — STATION NAME
1960-1977 — YEARS
MARCH — MONTH

DAY	MEAN TEMP AVERAGE °F	MEAN TEMP AVERAGE °C	MAXIMUM TEMP AVERAGE °F	MAXIMUM TEMP AVERAGE °C	MAXIMUM TEMP EXTREME °F	MAXIMUM TEMP EXTREME °C	MAXIMUM TEMP EXTREME DATE	MINIMUM TEMP AVERAGE °F	MINIMUM TEMP AVERAGE °C	MINIMUM TEMP EXTREME °F	MINIMUM TEMP EXTREME °C	MINIMUM TEMP EXTREME DATE
1	53.4	11.9	62.8	17.1	79	26.1	1961	43.9	6.6	35	1.7	1962
2	52.7	11.5	61.7	16.5	70	21.1	1972*	43.7	6.5	36	2.2	1977
3	52.0	11.1	61.9	16.6	73	22.8	1972	42.0	5.6	33	0.6	1971
4	52.7	11.5	62.7	17.1	81	27.2	1972	42.8	6.0	36	2.2	1976
5	53.2	11.8	62.4	16.9	76	24.4	1977	44.0	6.7	38	3.3	1971*
6	53.0	11.7	61.7	16.5	72	22.2	1966	44.4	6.9	37	2.8	1967
7	52.8	11.6	61.2	16.2	69	20.6	1971	44.4	6.9	36	2.2	1976
8	52.8	11.6	60.3	15.7	66	18.9	1977	45.3	7.4	35	1.7	1964
9	52.2	11.2	59.8	15.4	66	18.9	1977	44.6	7.0	36	2.2	1961
10	52.3	11.3	60.4	15.8	66	18.9	1977*	44.2	6.8	37	2.8	1962
11	52.8	11.6	61.3	16.3	73	22.8	1977	44.3	6.8	36	2.2	1962
12	53.7	12.1	61.2	16.2	72	22.2	1976	46.2	7.9	38	3.3	1977*
13	53.9	12.2	61.9	16.6	70	21.1	1970	46.0	7.8	40	4.4	1977
14	53.1	11.7	62.2	16.8	73	22.8	1964	44.1	6.7	35	1.7	1977
15	54.1	12.3	62.8	17.1	82	27.8	1970	45.4	7.4	38	3.3	1977
16	56.2	13.4	64.4	18.0	82	27.8	1964	47.9	8.8	40	4.4	1963
17	55.2	12.9	64.7	18.2	85	29.4	1964	45.8	7.7	39	3.9	1975*
18	55.1	12.8	64.5	18.1	76	24.4	1971	45.7	7.6	36	2.2	1968
19	54.2	12.3	63.4	17.4	76	24.4	1960	45.1	7.3	39	3.9	1968
20	54.9	12.7	64.1	17.8	78	25.6	1963	45.8	7.7	39	3.9	1976
21	54.4	12.4	62.7	17.1	75	23.9	1976	46.0	7.8	39	3.9	1968*
22	55.0	12.8	63.2	17.3	81	27.2	1966	46.8	8.2	41	5.0	1968*
23	54.4	12.4	61.8	16.6	76	24.4	1966	47.1	8.4	39	3.9	1968
24	54.4	12.4	63.0	17.2	79	26.1	1969	45.7	7.6	38	3.3	1964
25	55.1	12.8	62.4	16.9	80	26.7	1969	47.8	8.8	41	5.0	1977*
26	55.3	12.9	63.7	17.6	84	28.9	1969	46.8	8.2	40	4.4	1961
27	54.5	12.5	63.1	17.3	74	23.3	1970	45.9	7.7	36	2.2	1972
28	54.3	12.4	61.8	16.6	68	20.0	1966*	46.7	8.2	36	2.2	1972
29	53.7	12.1	61.4	16.3	67	19.4	1974	45.9	7.7	38	3.3	1975*
30	53.8	12.1	62.1	16.7	68	20.0	1972	45.5	7.5	36	2.2	1967
31	54.4	12.4	62.7	17.1	73	22.8	1972	46.2	7.9	39	3.9	1977
Monthly	53.9	12.2	62.4	16.9	85	29.4	1964	45.4	7.4	33	0.6	1971

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

5725 DAILY AVERAGE/EXTREME TEMP MAR 1978

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

93111	POINT MUGU, CALIFORNIA	1960-1977	APRIL
STATION	STATION NAME	YEARS	MONTH

DAY	MEAN TEMP AVERAGE °F	MEAN TEMP AVERAGE °C	MAXIMUM TEMP AVERAGE °F	MAXIMUM TEMP AVERAGE °C	MAXIMUM TEMP EXTREME °F	MAXIMUM TEMP EXTREME °C	MAXIMUM TEMP EXTREME DATE	MINIMUM TEMP AVERAGE °F	MINIMUM TEMP AVERAGE °C	MINIMUM TEMP EXTREME °F	MINIMUM TEMP EXTREME °C	MINIMUM TEMP EXTREME DATE
1	54.9	12.7	63.2	17.3	72	22.2	1960	46.5	8.1	40	4.4	1967
2	55.9	13.3	64.6	18.1	86	30.0	1960	47.3	8.5	38	3.3	1975
3	56.6	13.7	66.5	19.2	88	31.1	1971	46.7	8.2	38	3.3	1975
4	57.0	13.9	66.2	19.0	87	30.6	1971	47.8	8.8	42	5.6	1977*
5	56.1	13.4	64.8	18.2	81	27.2	1973*	47.3	8.5	40	4.4	1967
6	55.7	13.2	63.8	17.7	89	31.7	1962	47.7	8.7	39	3.9	1975
7	55.9	13.3	64.3	18.1	77	25.0	1962	47.2	8.4	36	2.2	1975
8	55.3	12.9	63.4	17.4	80	26.7	1973	47.2	8.4	36	2.2	1975
9	56.5	13.6	65.0	18.3	89	31.7	1968	48.1	8.9	41	5.0	1967
10	56.8	13.8	65.0	18.3	89	31.7	1968	48.7	9.3	42	5.6	1975
11	54.7	12.6	63.1	17.3	71	21.7	1970	46.3	7.9	41	5.0	1965
12	54.7	12.6	62.3	16.8	67	19.4	1974	47.1	8.4	39	3.9	1967
13	55.6	13.1	63.3	17.4	68	20.0	1966	47.9	8.8	44	6.7	1971*
14	57.2	14.0	66.1	18.9	95	35.0	1966	48.3	9.1	40	4.4	1972
15	56.9	13.8	66.2	19.0	99	37.2	1966	47.7	8.7	40	4.4	1972
16	55.6	13.1	63.5	17.5	69	20.6	1961	47.7	8.7	38	3.3	1972*
17	55.6	13.1	62.9	17.2	70	21.1	1960	48.3	9.1	39	3.9	1975
18	54.9	12.7	61.9	16.6	69	20.6	1965*	48.0	8.9	37	2.8	1968
19	54.7	12.6	63.2	17.3	75	23.9	1965	46.3	7.9	38	3.3	1975*
20	55.0	12.8	64.3	17.9	73	22.8	1976	45.7	7.6	38	3.3	1972
21	55.3	12.9	63.7	17.6	81	27.2	1973	46.8	8.2	40	4.4	1972
22	56.1	13.4	64.8	18.2	86	30.0	1973	47.3	8.5	38	3.3	1971
23	55.4	13.0	64.1	17.8	77	25.0	1968	46.7	8.2	41	5.0	1971*
24	54.8	12.7	63.3	17.4	74	23.3	1965	46.4	8.0	40	4.4	1968
25	55.7	13.2	64.6	18.1	88	31.1	1965	46.8	8.2	41	5.0	1971
26	55.5	13.1	64.1	17.8	80	26.7	1969	46.9	8.3	38	3.3	1975
27	56.2	13.4	63.9	17.7	78	25.6	1969	48.4	9.1	41	5.0	1971
28	55.5	13.1	62.7	17.1	70	21.1	1969	48.3	9.1	39	3.9	1975
29	56.0	13.3	64.1	17.8	74	23.3	1968	47.9	8.8	40	4.4	1970
30	56.2	13.4	64.1	17.8	70	21.1	1976	48.3	9.1	40	4.4	1967
31												
Monthly	55.7	13.2	64.1	17.8	99	37.2	1966	47.4	8.6	36	2.2	1975

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

5-25 DAILY AVERAGE/EXTREME TEMP MAR 1978

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

93111	POINT MUGU, CALIFORNIA	1960-1977	MAY
STATION	STATION NAME	YEARS	MONTH

DAY	MEAN TEMP AVERAGE °F	MEAN TEMP AVERAGE °C	MAXIMUM TEMP AVERAGE °F	MAXIMUM TEMP AVERAGE °C	MAXIMUM TEMP EXTREME °F	MAXIMUM TEMP EXTREME °C	MAXIMUM TEMP EXTREME DATE	MINIMUM TEMP AVERAGE °F	MINIMUM TEMP AVERAGE °C	MINIMUM TEMP EXTREME °F	MINIMUM TEMP EXTREME °C	MINIMUM TEMP EXTREME DATE
1	58.0	14.4	65.9	18.8	72	22.2	1976*	50.2	10.1	42	5.6	1967
2	57.6	14.2	65.6	18.7	84	28.9	1970	49.7	9.8	44	6.7	1971
3	57.6	14.2	64.6	18.1	80	26.7	1970	50.6	10.3	43	6.1	1961
4	57.2	14.0	63.1	17.3	67	19.4	1977*	51.2	10.7	45	7.2	1971
5	56.5	13.6	63.3	17.4	68	20.0	1966	49.6	9.8	45	7.2	1975*
6	56.5	13.6	63.9	17.7	73	22.8	1960	49.1	9.5	44	6.7	1975*
7	57.2	14.0	64.6	18.1	74	23.3	1960	49.9	9.9	45	7.2	1975*
8	57.9	14.4	64.7	18.2	70	21.1	1963	51.2	10.7	45	7.2	1971*
9	57.6	14.2	64.8	18.2	71	21.7	1969*	50.4	10.2	45	7.2	1972*
10	57.7	14.3	64.9	18.3	73	22.8	1960	50.4	10.2	44	6.7	1972
11	57.4	14.1	64.0	17.8	71	21.7	1974	50.8	10.4	44	6.7	1967
12	58.3	14.7	64.6	18.1	70	21.1	1976	52.4	11.3	46	7.8	1967
13	58.6	14.8	65.6	18.7	83	28.3	1967	51.5	10.8	45	7.2	1967*
14	58.9	14.9	66.3	19.1	92	33.3	1967	51.5	10.8	43	6.1	1968
15	59.2	15.1	67.3	19.6	96	35.6	1970	51.0	10.6	41	5.0	1968
16	59.2	15.1	66.3	19.1	94	34.4	1967	52.2	11.2	44	6.7	1968
17	58.4	14.7	65.3	18.5	74	23.3	1971	51.4	10.8	43	6.1	1977
18	58.5	14.7	65.1	18.4	78	25.6	1971	51.9	11.1	45	7.2	1977
19	59.0	15.0	65.9	18.8	77	25.0	1960	52.0	11.1	45	7.2	1971
20	59.0	15.0	66.3	19.1	76	24.4	1960	51.7	10.9	42	5.6	1972
21	58.4	14.7	65.7	18.7	70	21.1	1974*	51.2	10.7	43	6.1	1972
22	58.2	14.6	65.5	18.6	70	21.1	1974*	50.9	10.5	44	6.7	1971
23	58.4	14.7	65.1	18.4	70	21.1	1967	51.8	11.0	41	5.0	1960
24	58.9	14.9	65.3	18.5	68	20.0	1976*	52.6	11.4	45	7.2	1968*
25	58.9	14.9	64.9	18.3	74	23.3	1974	52.9	11.6	45	7.2	1962*
26	59.4	15.2	66.1	18.9	75	23.9	1968	52.7	11.5	47	8.3	1968
27	60.2	15.7	66.4	19.1	75	23.9	1973	54.1	12.3	49	9.4	1972
28	61.1	16.2	68.0	20.0	82	27.8	1973	54.3	12.4	50	10.0	1977
29	60.5	15.8	66.9	19.4	75	23.9	1972	54.1	12.3	49	9.4	1977*
30	59.6	15.3	65.9	18.8	73	22.8	1972	53.3	11.8	48	8.9	1961
31	59.8	15.4	65.5	18.6	70	21.1	1972	54.2	12.3	47	8.3	1971
Monthly	58.5	14.7	65.4	18.6	96	35.6	1970	51.6	10.9	41	5.0	1968*

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

5725 DAILY AVERAGE/EXTREME TEMP MAR 1978

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

93111	POINT MUGU, CALIFORNIA	1960-1977	JUNE
STATION	STATION NAME	YEARS	MONTH

DAY	MEAN TEMP AVERAGE °F	MEAN TEMP AVERAGE °C	MAXIMUM TEMP AVERAGE °F	MAXIMUM TEMP AVERAGE °C	MAXIMUM TEMP EXTREME °F	MAXIMUM TEMP EXTREME °C	MAXIMUM TEMP EXTREME DATE	MINIMUM TEMP AVERAGE °F	MINIMUM TEMP AVERAGE °C	MINIMUM TEMP EXTREME °F	MINIMUM TEMP EXTREME °C	MINIMUM TEMP EXTREME DATE
1	59.4	15.2	65.7	18.7	76	24.4	1976	53.2	11.8	42	5.6	1971
2	60.1	15.6	66.0	18.9	71	21.7	1969	54.2	12.3	45	7.2	1967
3	60.3	15.7	66.1	18.9	71	21.7	1969*	54.5	12.5	47	8.3	1967
4	60.2	15.7	66.5	19.2	72	22.2	1963	53.8	12.1	46	7.8	1971
5	60.5	15.8	66.9	19.4	74	23.3	1977	54.0	12.2	47	8.3	1971*
6	60.2	15.7	66.5	19.2	74	23.3	1977	53.9	12.2	44	6.7	1968
7	60.6	15.9	66.6	19.2	70	21.1	1972*	54.7	12.6	46	7.8	1968
8	60.5	15.8	65.7	18.7	72	22.2	1974	55.3	12.9	48	8.9	1968
9	60.6	15.9	65.9	18.8	71	21.7	1974	55.2	12.9	48	8.9	1968
10	60.8	16.0	67.1	19.5	72	22.2	1973	54.6	12.6	46	7.8	1968
11	60.6	15.9	67.2	19.6	72	22.2	1972	54.0	12.2	46	7.8	1977
12	61.1	16.2	67.3	19.6	74	23.3	1972	54.8	12.7	49	9.4	1968
13	61.4	16.3	67.4	19.7	72	22.2	1976*	55.5	13.1	51	10.6	1971*
14	61.5	16.4	68.0	20.0	73	22.8	1976*	55.1	12.8	49	9.4	1968
15	61.9	16.6	67.7	19.8	72	22.2	1974*	56.2	13.4	48	8.9	1977
16	61.7	16.5	67.6	19.8	74	23.3	1966	55.8	13.2	48	8.9	1962
17	62.0	16.7	67.4	19.7	75	23.9	1966	56.6	13.7	48	8.9	1970
18	61.5	16.4	67.8	19.9	74	23.3	1973	55.2	12.9	47	8.3	1970
19	62.2	16.8	68.7	20.4	81	27.2	1973	55.6	13.1	51	10.6	1968
20	62.3	16.8	69.4	20.8	89	31.7	1973	55.2	12.9	50	10.0	1968
21	62.7	17.1	69.7	20.9	85	29.4	1973	55.6	13.1	50	10.0	1968
22	62.5	16.9	68.4	20.2	73	22.8	1976*	56.6	13.7	49	9.4	1968
23	62.6	17.0	69.1	20.6	88	31.1	1976	56.2	13.4	52	11.1	1973*
24	62.2	16.8	68.8	20.4	88	31.1	1976	55.7	13.2	51	10.6	1963
25	63.2	17.3	70.7	21.5	86	30.0	1970	55.6	13.1	51	10.6	1973*
26	62.1	16.7	69.2	20.7	80	26.7	1976	55.1	12.8	49	9.4	1965
27	61.7	16.5	68.9	20.5	86	30.0	1976	54.4	12.4	49	9.4	1970
28	61.7	16.5	68.6	20.3	78	25.6	1976	54.9	12.7	50	10.0	1970*
29	61.7	16.5	68.9	20.5	74	23.3	1969	54.4	12.4	49	9.4	1970
30	62.0	16.7	69.7	20.9	74	23.3	1969	54.3	12.4	48	8.9	1970
31												
Monthly	61.4	16.3	67.8	19.9	89	31.7	1973	55.0	12.8	42	5.6	1971

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

5725 DAILY AVERAGE/EXTREME TEMP MAR 1978

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

93111 — STATION
POINT MUGU, CALIFORNIA — STATION NAME
1960-1977 — YEARS
JULY — MONTH

DAY	MEAN TEMP AVERAGE °F	MEAN TEMP AVERAGE °C	MAXIMUM TEMP AVERAGE °F	MAXIMUM TEMP AVERAGE °C	MAXIMUM TEMP EXTREME °F	MAXIMUM TEMP EXTREME °C	MAXIMUM TEMP EXTREME DATE	MINIMUM TEMP AVERAGE °F	MINIMUM TEMP AVERAGE °C	MINIMUM TEMP EXTREME °F	MINIMUM TEMP EXTREME °C	MINIMUM TEMP EXTREME DATE
1	61.7	16.5	68.6	20.3	73	22.8	1976*	54.8	12.7	49	9.4	1975
2	61.5	16.4	69.1	20.6	75	23.9	1969	54.0	12.2	50	10.0	1963
3	62.0	16.7	69.4	20.8	77	25.0	1969	54.5	12.5	47	8.3	1975
4	61.9	16.6	68.7	20.4	74	23.3	1973	55.1	12.8	51	10.6	1975
5	62.1	16.7	68.2	20.1	72	22.2	1972*	55.9	13.3	49	9.4	1964
6	62.3	16.8	68.7	20.4	74	23.3	1976	55.9	13.3	51	10.6	1977
7	61.8	16.6	69.0	20.6	74	23.3	1972	54.7	12.6	50	10.0	1961
8	62.3	16.8	69.3	20.7	74	23.3	1976	55.2	12.9	52	11.1	1971
9	62.7	17.1	69.2	20.7	74	23.3	1968	56.2	13.4	52	11.1	1971
10	63.2	17.3	70.3	21.3	79	26.1	1968	56.2	13.4	50	10.0	1977*
11	63.6	17.6	70.7	21.5	75	23.9	1968*	56.4	13.6	50	10.0	1966
12	63.2	17.3	70.3	21.3	75	23.9	1969	56.2	13.4	49	9.4	1966
13	63.3	17.4	69.9	21.1	75	23.9	1969	56.7	13.7	50	10.0	1966
14	63.6	17.6	69.6	20.9	75	23.9	1974	57.6	14.2	50	10.0	1966
15	63.9	17.7	70.1	21.2	76	24.4	1974	57.7	14.3	49	9.4	1966
16	64.1	17.8	70.9	21.6	77	25.0	1972	57.2	14.0	50	10.0	1970*
17	64.1	17.8	70.8	21.6	78	25.6	1974	57.5	14.2	50	10.0	1966
18	64.0	17.8	70.1	21.2	75	23.9	1969	57.9	14.4	51	10.6	1966
19	64.5	18.1	70.2	21.2	74	23.3	1974	58.8	14.9	52	11.1	1966
20	64.6	18.1	71.2	21.8	81	27.2	1960	58.1	14.5	53	11.7	1966*
21	65.1	18.4	72.0	22.2	88	31.1	1960	58.1	14.5	50	10.0	1966
22	64.6	18.1	71.1	21.7	80	26.7	1960	58.1	14.5	54	12.2	1973*
23	64.4	18.0	70.8	21.6	78	25.6	1974	58.0	14.4	53	11.7	1973*
24	65.1	18.4	71.7	22.1	78	25.6	1974*	58.6	14.8	52	11.1	1973
25	65.3	18.5	72.7	22.6	79	26.1	1977	57.9	14.4	54	12.2	1972*
26	65.6	18.7	72.6	22.6	87	30.6	1977	58.7	14.8	54	12.2	1977
27	65.5	18.6	71.8	22.1	82	27.8	1977*	59.1	15.1	51	10.6	1965
28	65.9	18.8	72.4	22.4	79	26.1	1977*	59.4	15.2	52	11.1	1965
29	66.4	19.1	72.6	22.6	81	27.2	1972	60.3	15.7	55	12.8	1970
30	67.0	19.4	73.3	22.9	80	26.7	1965	60.6	15.9	53	11.7	1970
31	66.2	19.0	72.7	22.6	81	27.2	1969	59.7	15.4	52	11.1	1970
Monthly	63.9	17.7	70.6	21.4	88	31.1	1960	57.3	14.1	47	8.3	1975

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

5725 DAILY AVERAGE/EXTREME TEMP MAR 1978

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

2

5225 DAILY AVERAGE/EXTREME TEMP MAR 1978

93111 — STATION
POINT MUGU, CALIFORNIA — STATION NAME
1960-1977 — YEARS
AUGUST — MONTH

DAY	MEAN TEMP AVERAGE °F	MEAN TEMP AVERAGE °C	MAXIMUM TEMP AVERAGE °F	MAXIMUM TEMP AVERAGE °C	MAXIMUM TEMP EXTREME °F	MAXIMUM TEMP EXTREME °C	MAXIMUM TEMP EXTREME DATE	MINIMUM TEMP AVERAGE °F	MINIMUM TEMP AVERAGE °C	MINIMUM TEMP EXTREME °F	MINIMUM TEMP EXTREME °C	MINIMUM TEMP EXTREME DATE
1	66.7	19.3	73.4	23.0	81	27.2	1972	59.9	15.5	51	10.6	1970
2	65.9	18.8	72.7	22.6	78	25.6	1971	59.1	15.1	50	10.0	1970
3	65.3	18.5	71.9	22.2	79	26.1	1971	58.7	14.8	53	11.7	1972*
4	66.2	19.0	72.8	22.7	80	26.7	1971	59.6	15.3	53	11.7	1972*
5	65.9	18.8	72.2	22.3	78	25.6	1961	59.5	15.3	53	11.7	1970
6	66.4	19.1	73.1	22.8	78	25.6	1972*	59.6	15.3	53	11.7	1970
7	66.7	19.3	74.1	23.4	84	28.9	1975	59.4	15.2	51	10.6	1970
8	66.7	19.3	74.1	23.4	79	26.1	1965	59.3	15.2	55	12.8	1976*
9	66.9	19.4	73.8	23.2	85	29.4	1965	60.0	15.6	52	11.1	1970
10	66.6	19.2	72.9	22.7	80	26.7	1965	60.3	15.7	54	12.2	1962
11	66.9	19.4	72.9	22.7	78	25.6	1967*	60.8	16.0	53	11.7	1968*
12	66.5	19.2	72.6	22.6	83	28.3	1965	60.4	15.8	52	11.1	1962
13	66.5	19.2	72.9	22.7	84	28.9	1965	60.1	15.6	56	13.3	1968
14	65.9	18.8	72.7	22.6	79	26.1	1965*	59.1	15.1	52	11.1	1977*
15	66.2	19.0	72.9	22.7	79	26.1	1965	59.4	15.2	53	11.7	1970
16	66.6	19.2	73.7	23.2	78	25.6	1977*	59.5	15.3	52	11.1	1964
17	66.5	19.2	73.1	22.8	79	26.1	1967	59.9	15.5	53	11.7	1968
18	66.6	19.2	73.1	22.8	77	25.0	1977*	60.0	15.6	53	11.7	1968
19	66.9	19.4	73.7	23.2	82	27.8	1973	60.1	15.6	55	12.8	1968*
20	66.0	18.9	72.8	22.7	78	25.6	1973*	59.2	15.1	55	12.8	1972*
21	65.8	18.8	72.7	22.6	85	29.4	1972	58.9	14.9	50	10.0	1968
22	66.0	18.9	73.3	22.9	97	36.1	1972	58.6	14.8	50	10.0	1968
23	65.6	18.7	73.4	23.0	81	27.2	1968	57.7	14.3	51	10.6	1968
24	65.3	18.5	72.9	22.7	76	24.4	1966	57.8	14.3	52	11.1	1970
25	65.5	18.6	72.9	22.7	77	25.0	1965	58.1	14.5	50	10.0	1968
26	65.8	18.8	73.1	22.8	80	26.7	1965	58.5	14.7	53	11.7	1970*
27	65.4	18.6	72.4	22.4	78	25.6	1971	58.4	14.7	53	11.7	1968
28	65.8	18.8	73.1	22.8	77	25.0	1977*	58.6	14.8	52	11.1	1968
29	66.1	18.9	72.9	22.7	81	27.2	1972	59.2	15.1	53	11.7	1970
30	65.8	18.8	72.2	22.3	81	27.2	1976	59.4	15.2	49	9.6	1970
31	64.5	18.1	71.4	21.9	79	26.1	1972	57.6	14.2	49	9.4	1970*
Monthly	66.1	18.9	73.0	22.8	97	36.1	1972	59.2	15.1	49	9.4	1970*

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

93111 — STATION
POINT MUGU, CALIFORNIA — STATION NAME
1960-1977 — YEARS
SEPTEMBER — MONTH

DAY	MEAN TEMP AVERAGE °F	MEAN TEMP AVERAGE °C	MAXIMUM TEMP AVERAGE °F	MAXIMUM TEMP AVERAGE °C	MAXIMUM TEMP EXTREME °F	MAXIMUM TEMP EXTREME °C	MAXIMUM TEMP EXTREME DATE	MINIMUM TEMP AVERAGE °F	MINIMUM TEMP AVERAGE °C	MINIMUM TEMP EXTREME °F	MINIMUM TEMP EXTREME °C	MINIMUM TEMP EXTREME DATE
1	65.1	18.4	72.2	22.3	81	27.2	1967	58.1	14.5	48	8.9	1970
2	65.5	18.6	72.9	22.7	81	27.2	1967	58.1	14.5	50	10.0	1970
3	66.1	18.9	72.7	22.6	77	25.0	1976*	59.5	15.3	51	10.6	1970
4	66.5	19.2	72.9	22.7	92	33.3	1961	60.1	15.6	54	12.2	1970
5	65.6	18.7	72.8	22.7	82	27.8	1972	58.4	14.7	49	9.4	1962
6	65.7	18.7	73.1	22.8	78	25.6	1976*	58.3	14.6	51	10.6	1960
7	65.2	18.4	72.1	22.3	78	25.6	1977	58.3	14.6	52	11.1	1964
8	65.8	18.8	72.9	22.7	80	26.7	1976	58.8	14.9	49	9.4	1964
9	65.6	18.7	72.4	22.4	78	25.6	1976*	58.9	14.9	51	10.6	1964
10	66.0	18.9	72.8	22.7	80	26.7	1967*	59.3	15.2	51	10.6	1961
11	65.6	18.7	72.3	22.4	87	30.6	1963	58.8	14.9	51	10.6	1968
12	65.6	18.7	72.5	22.5	87	30.6	1963	58.7	14.8	52	11.1	1968
13	65.2	18.4	71.7	22.1	80	26.7	1971	58.7	14.8	48	8.9	1966
14	64.6	18.1	71.7	22.1	78	25.6	1963	57.4	14.1	47	8.3	1966
15	64.6	18.1	71.4	21.9	80	26.7	1966	57.8	14.3	48	8.9	1966
16	65.4	18.6	72.0	22.2	83	28.3	1966	58.9	14.9	52	11.1	1970
17	64.8	18.2	71.2	21.8	81	27.2	1966	58.4	14.7	52	11.1	1970
18	64.7	18.2	71.2	21.8	76	24.4	1963	58.3	14.6	53	11.7	1961
19	64.5	18.1	71.3	21.8	77	25.0	1972*	57.7	14.3	50	10.0	1973
20	64.3	17.9	71.6	22.0	79	26.1	1965*	57.0	13.9	49	9.4	1968
21	64.7	18.2	73.1	22.8	81	27.2	1972	56.3	13.5	48	8.9	1968
22	65.2	18.4	75.3	24.1	90	32.2	1968	55.1	12.8	44	6.7	1968
23	66.2	19.0	76.2	24.6	96	35.6	1968	56.2	13.4	52	11.1	1973*
24	66.2	19.0	74.9	23.8	98	36.7	1975	57.6	14.2	51	10.6	1960
25	66.2	19.0	74.3	23.5	91	32.8	1970	58.1	14.5	51	10.6	1961
26	66.9	19.4	74.8	23.8	100	37.8	1973	59.1	15.1	48	8.9	1971
27	66.9	19.4	74.1	23.4	97	36.1	1963	59.7	15.4	51	10.6	1971
28	65.4	18.6	73.4	23.0	97	36.1	1968	57.4	14.1	49	9.4	1971
29	65.7	18.7	73.0	22.8	90	32.2	1970	58.3	14.6	47	8.3	1971
30	66.1	18.9	74.1	23.4	97	36.1	1965	58.2	14.6	50	10.0	1961
31												
Monthly	65.5	18.6	72.9	22.7	100	37.8	1973	58.2	14.6	44	6.7	1968

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

5725 DAILY AVERAGE/EXTREME TEMP MAR 1978

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

93111	POINT MUGU, CALIFORNIA	1960-1977	OCTOBER
STATION	STATION NAME	YEARS	MONTH

	MEAN TEMP		MAXIMUM TEMP					MINIMUM TEMP				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	°F	°C	°F	°C	°F	°C	DATE	°F	°C	°F	°C	DATE
1	65.1	18.4	72.9	22.7	89	31.7	1965	57.3	14.1	43	6.1	1971
2	63.5	17.5	70.8	21.6	76	24.4	1965	56.3	13.5	46	7.8	1971
3	64.0	17.8	71.4	21.9	76	24.4	1964	56.6	13.7	47	8.3	1971*
4	64.7	18.2	73.0	22.8	98	36.7	1971	56.3	13.5	46	7.8	1965
5	64.6	18.1	73.8	23.2	101	38.3	1971	55.3	12.9	48	8.9	1965
6	66.5	19.2	75.8	24.3	104	40.0	1971	57.1	13.9	48	8.9	1965
7	64.3	17.9	71.9	22.2	85	29.4	1967	56.7	13.7	49	9.4	1962
8	63.2	17.3	72.6	22.6	91	32.8	1976	53.9	12.2	46	7.8	1975
9	62.3	16.8	70.8	21.6	90	32.2	1976	53.7	12.1	49	9.4	1975*
10	63.4	16.9	71.4	21.9	78	25.6	1973*	53.4	11.9	49	9.4	1975*
11	62.6	17.0	70.8	21.6	83	28.3	1969	54.3	12.4	45	7.2	1960
12	61.8	16.6	69.9	21.1	79	26.1	1974	53.6	12.0	45	7.2	1960
13	62.1	16.7	70.7	21.5	94	34.4	1961	53.6	12.0	46	7.8	1960
14	64.1	17.6	72.7	22.6	100	37.8	1961	55.6	13.1	47	8.3	1969*
15	64.8	18.2	74.6	23.7	98	36.7	1961	54.9	12.7	45	7.2	1966
16	64.0	17.8	74.4	23.6	91	32.8	1967	53.6	12.0	43	6.1	1966
17	63.1	17.3	73.3	22.9	88	31.1	1968	52.9	11.6	41	5.0	1971*
18	61.6	16.4	70.2	21.2	82	27.8	1966	53.1	11.7	42	5.6	1971
19	60.9	16.1	70.7	21.5	84	28.9	1964	51.1	10.6	43	6.1	1971
20	62.8	17.1	71.9	22.2	93	33.9	1964	53.7	12.1	43	6.1	1971
21	62.7	17.1	71.4	21.9	101	38.3	1965	53.9	12.2	42	5.6	1971
22	61.3	16.3	70.3	21.3	96	35.6	1965	52.3	11.3	43	6.1	1971
23	61.4	16.3	69.9	21.1	94	34.4	1965	53.0	11.7	44	6.7	1971*
24	61.5	16.4	71.4	21.9	91	32.8	1965	51.6	10.9	45	7.2	1971
25	59.9	15.5	69.6	20.9	82	27.8	1965	50.3	10.2	42	5.6	1971
26	59.1	15.1	68.0	20.0	84	28.9	1976	50.3	10.2	44	6.7	1975*
27	61.0	16.1	70.9	21.6	93	33.9	1973	51.1	10.6	45	7.2	1960
28	61.6	16.4	71.5	21.9	92	33.3	1970	51.7	10.9	46	7.8	1975*
29	60.4	15.8	70.8	21.6	89	31.7	1969	49.9	9.9	38	3.3	1971
30	60.5	15.8	71.3	21.8	95	35.0	1973	49.6	9.8	33	0.6	1971
31	60.8	16.0	72.6	22.6	95	35.0	1967	49.1	9.5	37	2.8	1971
Monthly	62.5	16.9	71.7	22.1	104	40.0	1971	53.4	11.9	33	0.6	1971

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

5725 DAILY AVERAGE/EXTREME TEMP MAR 1978

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

93111	POINT MUGU, CALIFORNIA	1960-1977	NOVEMBER
STATION	STATION NAME	YEARS	MONTH

DAY	MEAN TEMP AVERAGE °F	MEAN TEMP AVERAGE °C	MAXIMUM TEMP AVERAGE °F	MAXIMUM TEMP AVERAGE °C	MAXIMUM TEMP EXTREME °F	MAXIMUM TEMP EXTREME °C	MAXIMUM TEMP EXTREME DATE	MINIMUM TEMP AVERAGE °F	MINIMUM TEMP AVERAGE °C	MINIMUM TEMP EXTREME °F	MINIMUM TEMP EXTREME °C	MINIMUM TEMP EXTREME DATE
1	60.3	15.7	70.7	21.5	98	36.7	1966	49.8	9.9	44	6.7	1975*
2	59.8	15.4	69.9	21.1	83	28.3	1966	49.7	9.8	41	5.0	1971
3	59.7	15.4	69.0	20.6	88	31.1	1964	50.4	10.2	42	5.6	1974
4	59.7	15.4	68.7	20.4	94	34.4	1976	50.8	10.4	40	4.4	1974
5	59.5	15.3	67.4	19.7	84	28.9	1976	51.5	10.8	40	4.4	1974
6	59.2	15.1	67.9	19.9	88	31.1	1961	50.4	10.2	43	6.1	1972*
7	59.0	15.0	67.7	19.8	85	29.4	1961	50.2	10.1	45	7.2	1974
8	58.4	14.7	67.6	19.8	83	28.3	1968	49.2	9.6	40	4.4	1974
9	58.4	14.7	69.0	20.6	80	26.7	1977	47.9	8.8	42	5.6	1975*
10	58.7	14.8	68.4	20.2	82	27.8	1977	49.1	9.5	43	6.1	1971
11	59.1	15.1	68.3	20.2	84	28.9	1974	49.9	9.9	45	7.2	1975*
12	59.9	15.5	68.3	20.2	83	28.3	1975	51.4	10.8	42	5.6	1977*
13	59.1	15.1	68.8	20.4	86	30.0	1975	49.3	9.6	42	5.6	1971
14	58.9	14.9	66.9	19.4	82	27.8	1970	50.8	10.4	41	5.0	1971
15	57.5	14.2	67.2	19.6	81	27.2	1970	47.8	8.8	39	3.9	1964
16	57.6	14.2	67.3	19.6	87	30.6	1976	47.9	8.8	39	3.9	1964
17	58.1	14.5	67.6	19.8	87	30.6	1976	48.7	9.3	40	4.4	1970
18	56.6	13.7	66.5	19.2	74	23.3	1976	46.7	8.2	36	2.2	1964
19	57.6	14.2	67.1	19.5	77	25.0	1969	48.0	8.9	40	4.4	1970*
20	57.5	14.2	67.3	19.6	84	28.9	1968	47.7	8.7	38	3.3	1975
21	55.5	13.1	65.2	18.4	75	23.9	1975	45.8	7.7	37	2.8	1971
22	55.1	12.8	64.4	18.0	75	23.9	1975	45.7	7.6	39	3.9	1971
23	57.2	14.0	67.9	19.9	85	29.4	1975	46.5	8.1	37	2.8	1971
24	58.1	14.5	68.8	20.4	87	30.6	1975	47.4	8.6	38	3.3	1971
25	56.4	13.6	67.2	19.6	88	31.1	1977	45.7	7.6	39	3.9	1974*
26	56.9	13.8	67.6	19.8	83	28.3	1969	46.2	7.9	35	1.7	1974
27	56.1	13.4	66.2	19.0	83	28.3	1969	45.9	7.7	36	2.2	1974
28	58.3	14.6	68.2	20.1	87	30.6	1977	48.4	9.1	37	2.8	1968
29	59.8	15.4	70.3	21.3	88	31.1	1977	49.4	9.7	42	5.6	1967
30	57.5	14.2	68.4	20.2	85	29.4	1964	46.6	8.1	36	2.2	1974
31												
Monthly	58.2	14.6	67.9	19.9	98	36.7	1966	48.5	9.2	35	1.7	1974

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

5725 DAILY AVERAGE/EXTREME TEMP MAR 1978

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

93111	POINT MUGU, CALIFORNIA	1960-1977	DECEMBER
STATION	STATION NAME	YEARS	MONTH

	MEAN TEMP		MAXIMUM TEMP					MINIMUM TEMP				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	°F	°C	°F	°C	°F	°C	DATE	°F	°C	°F	°C	DATE
1	56.6	13.7	66.7	19.3	82	27.8	1976	46.6	8.1	39	3.9	1976
2	56.0	13.3	65.8	18.8	80	26.7	1969	46.2	7.9	36	2.2	1972*
3	55.1	12.8	65.3	18.5	80	26.7	1969	44.9	7.2	37	2.8	1971
4	54.7	12.6	65.0	18.3	82	27.8	1962	44.4	6.9	40	4.4	1971
5	55.4	13.0	66.2	19.0	78	25.6	1962	44.7	7.1	35	1.7	1972*
6	55.0	12.8	65.2	18.4	75	23.9	1970	44.9	7.2	36	2.2	1971
7	55.0	12.8	65.5	18.6	76	24.4	1973	44.5	6.9	34	1.1	1960
8	55.1	12.8	65.8	18.8	87	30.6	1975	44.4	6.9	35	1.7	1971*
9	53.5	11.9	63.5	17.5	86	30.0	1973	43.6	6.4	28	-2.2	1971
10	52.6	11.4	62.6	17.0	79	26.1	1973	42.6	5.9	27	-2.8	1972
11	54.1	12.3	62.8	17.1	77	25.0	1966	45.4	7.4	33	0.6	1971
12	53.7	12.1	63.9	17.7	79	26.1	1966	43.5	6.4	30	-1.1	1971
13	52.5	11.4	62.6	17.0	73	22.8	1977	42.4	5.8	35	1.7	1972
14	51.5	10.8	61.6	16.4	74	23.3	1976	41.3	5.2	34	1.1	1971
15	55.1	12.8	64.8	18.2	82	27.8	1976	45.3	7.4	38	3.3	1971*
16	55.1	12.8	64.3	17.9	84	28.9	1976	45.9	7.7	38	3.3	1967*
17	54.7	12.6	64.2	17.9	73	22.8	1976	45.2	7.3	39	3.9	1968
18	53.5	11.9	63.2	17.3	75	23.9	1973*	43.8	6.6	33	0.6	1973
19	53.2	11.8	62.2	16.8	74	23.3	1973	44.3	6.8	35	1.7	1968
20	54.1	12.3	63.3	17.4	78	25.6	1960	44.9	7.2	33	0.6	1968
21	54.1	12.3	62.4	16.9	78	25.6	1960	45.7	7.6	29	-1.7	1968
22	55.2	12.9	63.8	17.7	79	26.1	1960	46.6	8.1	35	1.7	1968
23	55.8	13.2	65.2	18.4	79	26.1	1961	46.4	8.0	32	0.0	1974
24	54.7	12.6	64.3	17.9	79	26.1	1967	45.2	7.3	36	2.2	1976*
25	54.2	12.3	62.9	17.2	82	27.8	1967	45.6	7.6	38	3.3	1976*
26	52.9	11.6	61.7	16.5	80	26.7	1972	44.2	6.8	33	0.6	1974
27	52.0	11.1	61.8	16.6	74	23.3	1972	42.3	5.7	34	1.1	1969
28	52.4	11.3	61.4	16.3	83	28.3	1963	43.3	6.3	31	-0.6	1969
29	53.2	11.8	63.5	17.5	82	27.8	1963	42.8	6.0	35	1.7	1974*
30	52.5	11.4	62.3	16.8	77	25.0	1963	42.7	5.9	30	-1.1	1969
31	52.9	11.6	62.8	17.1	80	26.7	1963	42.9	6.1	29	-1.7	1969
Monthly	54.1	12.3	63.8	17.7	87	30.6	1975	44.4	6.9	27	-2.8	1972

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

5125 DAILY AVERAGE/EXTREME TEMP MAR 1978

EXTREME VALUES

MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

93111 (STATION) POINT MUGU, CALIFORNIA (STATION NAME) 60-77 (YEARS)

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
60	74	71	80	86	77	76	88	75	81	80	77	79	88
61	83	79	79	75	67	72	74	78	92	100	88	79	100
62	88	65	67	89	72	69	69	76	73	86	75	82	89
63	77	83	78	74	71	74	76	79	97	88	81	83	97
64	78	82	85	85	67	69	75	80	92	93	88	75	93
65	88	80	73	88	70	70	80	85	97	101	72	77	101
66	82	79	81	99	69	75	74	77	83	85	98	79	99
67	82	81	70	69	94	72	82	80	81	99	80	82	95
68	83	83	74	89	75	72	79	81	96	88	84	78	96
69	84	74	84	80	73	74	81	79	79	91	83	80	91
70	70	71	82	81	96	86	74	75	94	92	82	76	96
71	82	89	76	88	78	73	76	80	80	104	86	71	104
72	78	77	81	70	75	74	81	97	82	98	79	80	98
73	78	79	68	86	82	89	76	82	100	95	74	86	100
74	76	82	69	79	74	73	78	75	77	88	84	72	88
75	86	67	66	65	68	73	75	84	98	84	87	87	98
76	90	81	78	74	72	88	74	81	80	91	94	84	94
77	83	80	76	74	70	74	87	78	78	81	88	77	88
MEAN	81.2	77.9	75.9	80.3	75.0	75.2	77.7	80.0	86.7	91.1	83.3	79.3	95.3
S. D.	5.231	6.121	5.975	9.380	8.282	6.071	4.812	5.258	8.812	6.833	6.765	4.336	4.909
TOTAL OBS.	558	509	558	540	558	540	558	558	540	558	540	558	6575

NAVWEASERVCOM

5723 Extreme Values Jan 1969

EXTREME VALUES

MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

93111 POINT MUGU, CALIFORNIA 60-77
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
60	33	35	42	41	41	52	50	49	51	45	39	34	33
61	35	40	36	41	43	49	50	54	50	43	40	39	35
62	36	34	35	42	43	48	52	52	49	46	40	32	32
63	33	43	38	39	46	51	50	51	55	49	43	37	33
64	35	34	35	40	45	50	49	52	49	50	36	38	34
65	40	34	38	41	45	49	51	56	51	41	40	37	34
66	34	36	34	44	47	49	49	52	47	43	40	35	34
67	37	38	36	38	42	45	56	57	57	47	42	35	35
68	34	44	36	37	41	44	49	50	44	45	37	29	29
69	36	38	40	43	47	49	53	55	54	46	40	29	29
70	29	42	45	40	47	47	50	49	48	44	40	37	29
71	31	27	33	38	44	42	52	54	47	33	37	28	27
72	34	39	36	38	42	50	52	53	52	40	40	27	27
73	33	48	40	43	46	50	52	52	50	47	40	40	33
74	39	36	38	44	45	50	52	55	50	43	35	32	32
75	30	36	38	36	44	50	47	54	56	44	38	33	30
76	32	40	36	42	50	51	54	55	56	46	44	36	32
77	40	37	35	42	43	48	50	52	51	47	42	40	35
MEAN	34.5	37.7	37.3	40.5	44.5	48.4	51.0	52.9	50.9	44.4	39.6	34.3	31.8
S. D.	3.148	4.366	2.986	2.407	2.407	2.662	2.114	2.298	3.539	3.822	2.355	4.116	2.684
TOTAL OBS.	558	509	558	540	558	540	558	558	540	558	540	558	6575

NAVWEASERVCOM

19700107

5223 Extreme Values Jan 1969

PSYCHROMETRIC SUMMARY

93111 STATION | POINT MUGU, CALIFORNIA STATION NAME | 73-77 YEARS | JAN MONTH

PAGE 1 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
90/ 89															.1			1	1		
88/ 87															.1			1	1		
86/ 85															.2			3	3		
84/ 83														.1				1	1		
82/ 81												.1		.2	.2			5	5		
80/ 79													.2	.4				7	7		
78/ 77											.1	.2						3	3		
76/ 75										.1		.2	.6					10	10		
74/ 73							.2		.1	.1	.4	.5	.6					22	22		
72/ 71						.1	.2	.2		.4	.2	.5						19	19		
70/ 69							.2	.3	.2	.1	.3	.5						21	21		
68/ 67						.1	.3	.2	.2	.3	1.0	.6						35	35		
66/ 65				.3	.4	.2	.4	.2	.3	.1	.6	.1						32	32		
64/ 63		.1	.2	.8	.6	1.2	.3	.2	.2	1.4								61	61	1	
62/ 61	.1	.7	.6	1.5	1.3	.8	.4	.5	.6	.4	.1							87	87	11	3
60/ 59	.4	2.1	1.4	1.6	.6	1.0	.6	.3	.9	.2								114	114	37	17
58/ 57	.1	1.3	2.6	2.0	.8	.6	.9	.6	.5	.3								119	119	62	20
56/ 55	.3	2.0	2.0	1.5	1.0	.6	.6	.6	.2									109	109	97	28
54/ 53	.2	2.8	1.8	1.0	1.0	.5	.2	.4	.4									103	103	145	58
52/ 51	.3	1.9	1.9	1.4	1.4	.5	.4	.3										100	100	136	87
50/ 49	.2	2.0	1.9	1.0	.6	.2	.1	.2										77	77	104	98
48/ 47	.4	.9	2.0	.9	.3	.5	.3	.1										67	67	136	87
46/ 45	.3	1.9	1.7	1.1	.5	.2	.8	.1										81	81	133	79
44/ 43	.2	.4	2.3	1.0	.2	.2	.1											55	55	100	88
42/ 41		.4	1.0	1.4	.2	.4												41	41	64	59
40/ 39		.2	.8	1.3	.1	.2												31	31	65	63
38/ 37		.5	.3	.3	.4													19	19	50	68
36/ 35		.1	.2	.4	.1													10	10	43	68
34/ 33			.2	.2														5	5	27	48
32/ 31		.1																1	1	13	48
30/ 29																				14	46
28/ 27																				2	43
26/ 25																					48
24/ 23																					31

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

NAVWEASERVCOM

5105 PSYCHROMETRIC SUMMARY JAN 68

PSYCHROMETRIC SUMMARY

93111 STATION | POINT MUGU, CALIFORNIA STATION NAME | 73-77 YEARS | JAN MONTH

PAGE 2 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
22/ 21																					37
20/ 19																					29
18/ 17																					28
16/ 15																					11
14/ 13																					17
12/ 11																					10
10/ 9																					11
8/ 7																					4
6/ 5																					1
4/ 3																					1
2/ 1																					3
- 2/- 3																					1
TOTAL	2.6	17.3	20.9	17.8	9.5	7.1	5.9	4.2	3.5	3.4	2.7	2.6	1.3	.6	.6			1240	1240	1240	1240

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	5309287	75159	60.6	24.664	1240							
Dry Bulb	3864008	68262	55.1	9.257	1240		.6	76.8	31.8	9.0		744.0
Wet Bulb	2873323	59049	47.6	7.039	1240		17.4					744.0
Dew Point	2044559	48027	38.7	12.199	1240	.6	221.4					744.0

NAVWEASERVCOM

5 PSYCHROMETRIC SUMM JAN 68

PSYCHROMETRIC SUMMARY

92111 STATION | POINT MUGU, CALIFORNIA STATION NAME | 73-77 YEARS | FEB MONTH

PAGE 1 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
80/ 79														.1				1	1		
78/ 77											.1	.1						2	2		
76/ 75								.1			.1	.2		.2				6	6		
74/ 73							.1				.2	.3	.3					9	9		
72/ 71						.1	.2	.1	.2	.3	.1	.1	.2					13	13		
70/ 69						.2	.2		.2	.2	.4	.3						16	16		
68/ 67				.2	.2	.1	.1	.2	.4	.3	.4	.6						26	26		
66/ 65				.6	.5	.4	.5	.2	.7	.5	.3	.1						44	44		
64/ 63			1.1	1.3	.7	.7	.3	.4	.4	.2	.2							59	59	1	
62/ 61		.6	1.5	1.0	.8	.3	.8	.3	.4	.4	.4							73	73	8	
60/ 59		1.2	2.4	1.9	1.0	.5	.3	.7	.2	.6								99	99	38	4
58/ 57	.4	3.5	4.1	2.3	.8	.4	.8	.2		.1								142	142	73	34
56/ 55	.5	4.9	2.6	1.6	.6	.4	.2	.3										124	124	128	69
54/ 53	1.1	3.5	2.5	1.4	.5	.4	.1											107	107	172	106
52/ 51	.4	4.2	1.5	.8	.6	.2		.1										88	88	129	117
50/ 49	1.2	2.7	2.0	.7	.4	.1	.4	.2										86	86	147	129
48/ 47	.8	2.3	1.7	.8	.2	.1	.1											67	67	104	91
46/ 45	.7	2.0	1.9	.6	.4	.2												65	65	96	88
44/ 43	.1	1.2	1.5	.6	.1													39	39	80	67
42/ 41	.3	.5	1.7	.5	.1													35	35	55	69
40/ 39	.1	.4	1.1	.2														19	19	38	49
38/ 37		.2	.4	.1														8	8	35	57
36/ 35																				19	38
34/ 33																				5	49
32/ 31																					36
30/ 29																					22
28/ 27																					15
26/ 25																					16
24/ 23																					16
22/ 21																					9
20/ 19																					5
18/ 17																					12
16/ 15																					7
14/ 13																			4		6

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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5-6 PSYCHROMETRIC SUMMA JAN 68

1070 2097-84921

PSYCHROMETRIC SUMMARY

93111 STATION | POINT MUGU, CALIFORNIA STATION NAME | 73-77 YEARS | FEB MONTH

PAGE 2 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
12/ 11																				5
10/ 9																				5
8/ 7																				6
6/ 5																				1
TOTAL	5.5	27.3	25.9	14.6	6.8	4.0	3.9	2.7	2.3	2.6	2.1	1.6	.4	.3				1128	1128	1128	1128

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	6234755	79743	70.7	23.023	1128							
Dry Bulb	3489101	62149	55.1	7.588	1128			43.5	10.7	.6		672.0
Wet Bulb	2814943	55951	49.6	5.932	1128							672.0
Dew Point	2269449	49201	43.6	10.464	1128		95.9					672.0

NAVWEASERVCOM

1078 2097-64321

5 PSYCHROMETRIC SUMM JAN 68

PSYCHROMETRIC SUMMARY

93111 STATION | POINT MUGU, CALIFORNIA STATION NAME | 73-77 YEARS | MAR MONTH

PAGE 1 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
76/ 75														.1				1	1		
74/ 73													.1					1	1		
72/ 71											.1	.1	.1					3	3		
70/ 69								.1			.1	.2						4	4		
68/ 67			.1			.2		.1	.2	.1	.1	.1						11	11		
66/ 65			.2	.5	.2	.3	.2		.2	.4	.2							27	27		
64/ 63			.5	1.7	.9	.2	.2	.3	.2		.2							51	51	1	
62/ 61		.6	1.8	1.7	1.5	.6	.2	.4	.2	.1	.2							88	88	3	1
60/ 59		.6	1.3	3.2	1.7	.8	.4	.2		.2								104	104	24	2
58/ 57		1.4	3.9	3.5	3.1	1.0	.4	.3		.1								171	171	63	18
56/ 55	.2	2.7	4.0	3.1	1.5	.8	.4	.2	.1									160	160	106	41
54/ 53	.2	3.1	3.8	2.4	.7	.6	.1		.1									135	135	147	59
52/ 51	.3	2.6	2.8	1.7	.6	.3	.2		.1									107	107	188	129
50/ 49	.3	3.0	3.0	1.0	.2	.3	.2	.3										103	103	172	145
48/ 47	.2	3.5	1.5	1.1	.4	.3	.2	.2										93	93	150	138
46/ 45	.2	2.7	1.4	1.0	.5	.2	.1											75	75	134	131
44/ 43	.2	2.0	1.1	.6	.2	.2												54	54	79	135
42/ 41	.2	1.0	.8	.6														32	32	66	100
40/ 39		.1	.3	.7	.1													15	15	49	76
38/ 37	.1	.2	.1															4	4	26	52
36/ 35			.1															1	1	23	37
34/ 33																				9	36
32/ 31																					35
30/ 29																					24
28/ 27																					24
26/ 25																					10
24/ 23																					9
22/ 21																					8
20/ 19																					5
18/ 17																					8
16/ 15																					3
14/ 13																					7
12/ 11																					3
10/ 9																					2

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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AWS 2067-84321

5 PSYCHROMETRIC SUMMARY JAN 68

PSYCHROMETRIC SUMMARY

93111 STATION — POINT MUGU, CALIFORNIA STATION NAME — 73-77 YEARS — MAR MONTH

PAGE 2 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
8/ 7																					1
6/ 5																					1
TOTAL	2.0	23.3	26.6	22.9	11.7	5.9	2.4	2.1	1.0	.8	.7	.3	.2	.1				1240	1240	1240	1240

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6646287	88045	71.0	17.849	1240							
Dry Bulb	3663203	66929	54.0	6.397	1240			12.0	1.2			744.0
Wet Bulb	3003948	60636	48.9	5.599	1240							744.0
Dew Point	2454767	54113	43.6	8.677	1240		84.0					744.0

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NAVAER 2007-5/432/1

DD FORM 1 PSYCHROMETRIC SUMMARY JAN 68

PSYCHROMETRIC SUMMARY

93111 STATION | POINT MUGU, CALIFORNIA STATION NAME | 73-77 YEARS | APR MONTH

PAGE 1 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
82/ 81													.1			.1		2	2		
80/ 79													.1	.1				2	2		
78/ 77												.1	.1	.2				4	4		
76/ 75											.1		.1					2	2		
74/ 73									.1	.2	.1	.2						7	7		
72/ 71							.2	.1	.1	.1								5	5		
70/ 69						.1	.2	.2	.1	.1	.1							10	10		
68/ 67				.2	.5	1.1	.2	.1	.2	.1		.1						29	29		
66/ 65			.1	1.2	1.1	.5	.2	.1	.1									40	40		
64/ 63			.6	3.0	1.9	.8	.2	.2	.1									82	82		
62/ 61		.2	1.1	2.9	3.0	1.0	.1	.2										102	102	8	
60/ 59		.7	1.5	2.5	2.5	.8	.2		.1									100	100	49	2
58/ 57		1.4	5.0	3.0	1.3	.2	.1	.1										133	133	100	19
56/ 55	.1	3.6	7.2	4.0	.7	.3	.1											193	193	137	48
54/ 53	.6	4.2	4.2	1.4	.7	.3												137	137	205	113
52/ 51	.7	3.1	3.7	1.5	.4	.2												116	116	222	143
50/ 49	.2	3.1	3.6	.8	.3													97	97	169	189
48/ 47	.3	2.2	1.9	.4	.1	.1												60	60	112	184
46/ 45	.2	2.2	.8	.2	.1													43	43	95	163
44/ 43	.1	.7	.5	.1														17	17	54	105
42/ 41	.1	.7	.2															11	11	24	83
40/ 39		.5	.1															7	7	16	49
38/ 37																				8	31
36/ 35		.1																1	1		21
34/ 33																				1	21
32/ 31																					9
30/ 29																					8
28/ 27																					5
26/ 25																					2
24/ 23																					2
20/ 19																					1
18/ 17																					2
TOTAL	2.3	22.7	30.6	21.4	12.7	5.4	1.5	.9	.7	.5	.2	.3	.3	.2		.1		1200	1200		1200

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	6781490	88348	73.6	15.199	1200
Dry Bulb	3816902	67234	56.0	6.450	1200
Wet Bulb	3172770	61450	51.2	4.658	1200
Dew Point	2681155	56279	46.9	5.898	1200

Mean No. of Hours with Temperature	≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.							
Dry Bulb			36.6	10.2	1.2		720.0
Wet Bulb							720.0
Dew Point		17.4					720.0

NAVWEASERVCOM

5 PSYCHROMETRIC SUMMARY JAN 68

PSYCHROMETRIC SUMMARY

92111 STATION | POINT MUGU, CALIFORNIA STATION NAME | 73-77 YEARS | MAY MONTH

PAGE 1 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
82/ 81									.1									1	1		
76/ 75								.1										1	1		
74/ 73						.1	.1	.1										3	3		
72/ 71					.2	.1												4	4		
70/ 69				.1	.2	.2	.2											10	10		
68/ 67			.1	1.0	.7	.4												28	28		
66/ 65			.9	3.3	2.9	.5	.1											95	95	2	
64/ 63		.3	2.4	5.5	2.0	.9	.1											139	139	8	
62/ 61		1.1	5.0	5.0	1.5	.7	.1											167	167	50	1
60/ 59	.2	6.4	6.7	2.5	.9	.3												210	210	124	33
58/ 57	.5	8.6	8.0	1.9	1.1	.1												250	250	288	94
56/ 55	.6	6.8	3.7	.7	.5													152	152	310	231
54/ 53	.1	3.6	2.4	.8	.2													88	88	215	282
52/ 51	.2	2.5	1.4	.1														52	52	100	252
50/ 49	.1	1.0	.9	.1														26	26	86	129
48/ 47		.6	.3															11	11	33	92
46/ 45		.2																3	3	19	41
44/ 43																				5	46
42/ 41																					26
40/ 39																					10
38/ 37																					2
36/ 35																					1
TOTAL	1.6	31.2	31.8	21.0	10.3	3.3	.6	.2	.1									1240	1240		1240
																				1240	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	7834823	97555	78.7	11.358	1240							
Dry Bulb	4357029	73289	59.1	4.523	1240			28.2	3.0	.6		744.0
Wet Bulb	3791141	68423	55.2	3.545	1240							744.0
Dew Point	3390558	64640	52.1	4.110	1240							744.0

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05 PSYCHROMETRIC SUMM JAN 68

PSYCHROMETRIC SUMMARY

93111 STATION — POINT MUGU, CALIFORNIA STATION NAME — 73-77 YEARS — JUN MONTH

PAGE 1 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
86/ 85									.1		.2							3	3		
84/ 83										.3	.1							4	4		
82/ 81						.1	.2	.1										4	4		
80/ 79					.2			.2		.1								5	5		
78/ 77				.1			.3	.1										5	5		
76/ 75				.2	.3													6	6		
74/ 73			.1	.3	.1	.2	.2	.1										10	10	1	
72/ 71				.3	.6	.5	.1											17	17	5	
70/ 69		.1	.3	1.1	2.3	1.1												59	59	7	1
68/ 67		.3	.7	4.3	3.5	.5	.1											111	111	9	7
66/ 65		.2	2.3	5.4	1.9	.4												123	123	24	9
64/ 63	.1	1.6	4.4	4.2	.9	.1												135	135	54	10
62/ 61	.1	6.8	7.3	2.9	.2	.1												208	208	157	32
60/ 59	.1	10.0	8.9	1.3	.1													245	245	271	105
58/ 57	.6	7.6	4.6	.4														158	158	321	262
56/ 55	.7	2.3	1.8															58	58	217	308
54/ 53	.2	1.2	1.1	.1														30	30	81	260
52/ 51		.5	.8															16	16	27	114
50/ 49		.1																1	1	22	59
48/ 47		.1																1	1	3	21
46/ 45																					11
TOTAL	1.7	30.6	32.4	20.4	10.1	2.9	.8	.4	.1	.3	.3								1199		1199
																		1199		1199	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	7689445	95131	79.3	10.870	1199
Dry Bulb	4675216	74618	62.2	5.125	1199
Wet Bulb	4073942	69768	58.2	3.448	1199
Dew Point	3691882	66410	55.4	3.366	1199

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb			134.5	22.2	8.4		720.0
Wet Bulb			13.2	.6			720.0
Dew Point			4.8				720.0

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5605 PSYCHROMETRIC SUMMARY JAN 68

PSYCHROMETRIC SUMMARY

93111 STATION | POINT MUGU, CALIFORNIA STATION NAME | 73-77 YEARS | JUL MONTH

PAGE 1 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85										.1								1	1		
80/ 79						.1	.2											4	4		
78/ 77					.2	.5												8	8		
76/ 75				.2	.3	.5												12	12		
74/ 73			.1	1.0	1.8	.6	.1											44	44		
72/ 71			.5	3.4	2.4	.6												86	86	2	
70/ 69			1.8	4.7	3.1	.2												121	121	8	
68/ 67	.1	.1	5.9	5.1	2.0													163	163	44	6
66/ 65		3.2	6.2	2.9	.3													157	157	120	22
64/ 63	.3	5.2	6.6	2.4	.1													182	182	237	82
62/ 61	.2	8.1	4.8	.5														168	168	261	214
60/ 59	1.6	8.4	2.3															152	152	255	279
58/ 57	.8	4.4	1.3															80	80	173	277
56/ 55	.2	3.0	.2															41	41	84	220
54/ 53	.1	1.0	.1															14	14	41	95
52/ 51		.5																6	6	12	39
50/ 49		.1																1	1	2	5
48/ 47																				1	1
TOTAL	3.3	33.9	29.6	20.1	10.2	2.6	.3			.1								1240	1240	1240	1240

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	8342480	100962	81.4	9.925	1240							
Dry Bulb	5192866	79998	64.5	5.068	1240			263.4	41.4	2.4		744.0
Wet Bulb	4594432	75354	60.8	3.504	1240			32.4				744.0
Dew Point	4245446	72448	58.4	3.190	1240			3.6				744.0

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5 PSYCHROMETRIC SUMMARY JAN 68

PSYCHROMETRIC SUMMARY

93111 STATION | POINT MUGU, CALIFORNIA STATION NAME | 73-77 YEARS | AUG MONTH

PAGE 1 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
84/ 83								.1										1	1		
80/ 79						.1		.2										3	3		
78/ 77					.2	.3												7	7		
76/ 75				.7	.9	.2	.2											25	25		
74/ 73			.2	2.1	2.6	1.3	.3											80	80		
72/ 71		.2	1.4	3.5	4.9	1.5												142	142	1	
70/ 69	.1	.2	2.2	4.4	2.8	.5												125	125	24	4
68/ 67	.2	1.0	5.2	3.5	1.0													136	136	72	15
66/ 65	.3	4.8	6.8	2.0	.1													174	174	163	50
64/ 63	.2	9.8	9.2	2.5														268	268	299	142
62/ 61	.3	9.6	4.6	.3														184	184	294	236
60/ 59	.2	2.3	2.3	.2														61	61	246	341
58/ 57	.1	1.1	.6	.1														24	24	95	238
56/ 55		.3	.2															7	7	30	140
54/ 53		.1	.2															3	3	13	50
52/ 51																				3	18
50/ 49																					3
48/ 47																					3
TOTAL	1.4	29.3	32.8	19.4	12.6	3.9	.5	.2										1240	1240	1240	1240

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	8063028	99206	80.0	10.087	1240							
Dry Bulb	5452587	82039	66.2	4.478	1240			311.4	69.6	1.2		744.0
Wet Bulb	4790942	76980	62.1	3.108	1240			58.2				744.0
Dew Point	4406167	73811	59.5	3.184	1240			11.4				744.0

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5-5 PSYCHROMETRIC SUMMARY JAN 68

PSYCHROMETRIC SUMMARY

93111 STATION | POINT MUGU, CALIFORNIA STATION NAME | 73-77 YEARS | SEP MONTH

PAGE 1 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
100/ 99																	.1	1	1		
98/ 97																	.1	1	1		
92/ 91																	.1	1	1		
90/ 89															.2	.1		3	3		
88/ 87										.1			.1			.1		3	3		
86/ 85													.1			.1		2	2		
84/ 83															.1			1	1		
82/ 81													.1					1	1		
80/ 79				.1		.1		.1	.1	.1								5	5		
78/ 77					.3	.2							.1					6	6		
76/ 75			.1	.5	1.0	.1	.1		.2									23	25		
74/ 73			.1	1.8	1.0	.7	.1											43	43	1	
72/ 71		.1	1.1	4.3	3.8	.7	.1											120	120	1	1
70/ 69		.1	2.9	4.9	2.0	.5		.2										127	127	17	2
68/ 67	.1	.8	6.6	1.8	1.8													132	132	63	8
66/ 65		4.3	8.4	2.8	.3				.1									189	189	155	28
64/ 63	.5	8.4	6.7	2.4	.2													217	217	262	153
62/ 61	.5	8.9	3.2	1.2	.2		.1											167	168	253	247
60/ 59	.3	4.8	1.5	.2														80	80	239	258
58/ 57	.3	2.5	.8	.1		.1												45	45	112	229
56/ 55		1.3	.4															21	21	57	143
54/ 53		.3	.3															6	6	24	69
52/ 51		.3																3	3	6	22
50/ 49																				6	14
48/ 47																				1	6
46/ 45																					3
42/ 41																					3
38/ 37																					2
34/ 33																					2
32/ 31																					4
28/ 27																					1
26/ 25																					1
24/ 23																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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PSYCHROMETRIC SUMMARY

93111 STATION | POINT MUGU, CALIFORNIA STATION NAME | 73-77 YEARS | SEP MONTH

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	1.7	31.6	31.9	19.9	10.5	2.3	.3	.3	.3	.2			.3		.3	.3	.3	1197	1200	1197	1197

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	7824078	95672	79.9	12.177	1197							
Dry Bulb	5229000	78958	65.8	5.301	1200			282.6	55.2	10.8	1.2	720.0
Wet Bulb	4554097	73715	61.6	3.481	1197			49.3	.6			720.0
Dew Point	4172525	70467	58.9	4.494	1197		4.2	6.6				720.0

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5605 PSYCHROMETRIC SUMMARY JAN 68

PSYCHROMETRIC SUMMARY

93111 STATION — POINT MUGU, CALIFORNIA STATION NAME — 73-77 YEARS — OCT MONTH

PAGE 1 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
94/ 93																	.1	1	1		
92/ 91																.1		1	1		
90/ 89																	.1	1	1		
88/ 87													.1					1	1		
86/ 85															.1	.1		2	2		
84/ 83											.1				.2			3	3		
82/ 81										.2	.2	.2	.1	.1				9	9		
80/ 79								.1		.2		.2		.1	.1			7	7		
78/ 77						.1	.1	.2	.1				.2					8	8		
76/ 75						.2		.1			.2	.1	.1					7	7		
74/ 73				.9	.6	.6	.2	.1	.2				.3					36	36		
72/ 71			.2	1.8	1.3	.6	.3		.1	.1	.2		.1					58	58		
70/ 69			.7	1.5	1.8	1.0	.1		.1	.1	.1							65	65	1	
68/ 67		.2	2.2	3.3	2.7	.8	.3	.2	.1	.1	.1	.1						126	126	17	
66/ 65		1.1	3.0	2.7	2.6	.6	.2			.1								126	126	57	9
64/ 63	.2	2.8	3.0	3.6	.6	.2	.1			.2								131	131	105	35
62/ 61	.2	4.4	4.8	2.9	.8	.2	.1	.2		.1								170	170	164	77
60/ 59	.5	5.6	4.2	1.5	.2	.2	.1	.1	.1									154	154	217	145
58/ 57	.4	4.0	3.2	.4	.5		.2	.1	.1									108	108	211	186
56/ 55	.4	2.7	1.8	.3	.2	.2	.2	.1										73	73	156	192
54/ 53		2.9	.9	.9	.2	.1	.1											62	62	95	172
52/ 51		1.5	.7	.4	.2	.2	.1											38	38	68	137
50/ 49	.2	.9	1.0	.2	.2													29	29	57	66
48/ 47		.3	.4	.2	.3													16	16	29	50
46/ 45		.2		.2	.1													5	5	30	33
44/ 43		.1																1	1	17	28
42/ 41																				8	25
40/ 39																				6	12
38/ 37																					7
36/ 35																					3
34/ 33																					16
32/ 31																					8
30/ 29																					8
28/ 27																					8

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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DD FORM 5 PSYCHROMETRIC SUMM JAN 68

PSYCHROMETRIC SUMMARY

93111 STATION | POINT MUGU, CALIFORNIA STATION NAME | 73-77 YEARS | OCT MONTH

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
26/ 25																					4
24/ 23																					4
22/ 21																					2
20/ 19																					3
18/ 17																					1
16/ 15																					0
14/ 13																					1
TOTAL	1.9	26.7	26.0	20.8	12.3	4.8	2.0	1.1	.6	1.0	.7	.5	.9	.2	.3	.2	.2		1238		1238
																		1238		1238	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	7269745	92481	74.7	17.088	1238							
Dry Bulb	4883579	77293	62.4	6.840	1238			195.3	45.7	12.6	.6	744.0
Wet Bulb	4094735	70891	57.3	5.344	1238			10.8				744.0
Dew Point	3576146	65796	53.1	8.005	1238		27.0					744.0

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PSYCHROMETRIC SUMMARY

93111 STATION | POINT MUGU, CALIFORNIA STATION NAME | 73-77 YEARS | NOV MONTH

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
90/ 89																.1		1	1		
88/ 87															.2			2	2		
86/ 85											.1				.1	.1		3	3		
84/ 83													.1	.1	.2			4	4		
82/ 81											.1	.2			.2			7	7		
80/ 79									.2	.3	.1	.2		.2				12	12		
78/ 77								.2	.2	.1			.5	.1				13	13		
76/ 75							.2	.2	.1	.5	.1	.2	.4	.2				22	22		
74/ 73						.2	.2	.4	.2	.3		.5	.3					27	27		
72/ 71			.1	.2	.5	.5	.2	.7	.2	.2	.5	.4	.3					46	46		
70/ 69			.2		.2	.4	.2	.5	.4	.2	.5	.7						39	39		
68/ 67			.2	.2	.5	.6	.5	.5	.2	.2	.1	.1						38	38	1	1
66/ 65		.3	1.0	.8	.9	.8	.5	.2	.2	.2	.7							68	68	9	
64/ 63		.2	.5	2.7	.9	.8	.7	.3	.2	.3	.8							92	92	29	8
62/ 61	.1	.5	1.3	1.3	1.6	1.2	.2	.4	.2	.4	.4							92	92	37	7
60/ 59	.3	1.2	3.0	1.9	1.3	.5	.9	.3	.2	.2								119	119	73	26
58/ 57	.2	1.7	2.5	1.8	.8	.6	.7	.5	.1	.2								111	111	108	30
56/ 55	.3	2.9	2.0	1.3	.7	.7	.2	.1	.2	.3								106	106	139	76
54/ 53	.2	2.0	1.7	1.2	1.0	.4	.2	.1		.2								86	86	145	89
52/ 51	.3	2.1	1.9	.6	.2	.7	.1		.4									76	76	140	122
50/ 49		1.3	1.2	1.3	.4	.3	.1											57	57	94	105
48/ 47	.2	1.4	1.7	.8	.1	.3												55	55	103	80
46/ 45		1.5	1.2	1.1		.4												48	48	98	86
44/ 43	.4	1.1	1.0	.4	.3	.1												40	40	85	81
42/ 41	.2	.4	.9	.4	.2													26	26	51	75
40/ 39		.2	.1	.1														5	5	38	70
38/ 37		.1	.1	.1														3	3	33	50
36/ 35	.1	.1																2	2	10	42
34/ 33																				6	41
32/ 31																				1	26
30/ 29																					32
28/ 27																					31
26/ 25																					22
24/ 23																					13

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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05 PSYCHROMETRIC SUMMARY JAN 68

PSYCHROMETRIC SUMMARY

93111 STATION — POINT MUGU, CALIFORNIA STATION NAME — 73-77 YEARS — NOV MONTH

 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
22/ 21																					15
20/ 19																					13
18/ 17																					17
16/ 15																					9
14/ 13																					9
12/ 11																					3
10/ 9																					6
8/ 7																					3
6/ 5																					2
4/ 3																					4
2/ 1																					6
TOTAL	2.5	17.2	20.7	16.3	9.7	8.4	5.0	4.5	2.9	3.9	3.3	2.4	1.7	.6	.7	.2			1200		1200
																		1200		1200	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5358689	74785	62.3	24.124	1200							
Dry Bulb	4222505	70317	58.6	9.228	1200			128.4	54.6	15.0		720.0
Wet Bulb	3168650	61140	51.0	6.684	1200		.6	.6				720.0
Dew Point	2369331	51413	42.8	11.787	1200		126.6	.6				720.0

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5 PSYCHROMETRIC SUMMARY JAN 68

PSYCHROMETRIC SUMMARY

93111 STATION | POINT MUGU, CALIFORNIA STATION NAME | 73-77 YEARS | DEC MONTH

PAGE 1 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
88/ 87															.1			1	1		
86/ 85															.1			1	1		
82/ 81													.1	.1	.1			3	3		
80/ 79													.1	.1				2	2		
78/ 77												.1	.2	.2				6	6		
76/ 75										.1			.2					3	3		
74/ 73							.1	.1	.1		.4	.3	.2					15	15		
72/ 71						.1	.1	.2		.2	.2	.8						19	19		
70/ 69						.2		.2	.1	.2	.7	.2	.1					21	21		
68/ 67				.2	.2	.2	.2	.2	.2	.3	.5	.3						28	28		
66/ 65			.7	.7	.5	1.1	.5	.2	.5	.3	1.0							65	65		
64/ 63		.1	.7	1.5	1.0	.4	.1		.3	.7	.5	.1						67	67		
62/ 61		1.0	1.1	1.1	.8	.5	.5	.4	.3	.7	.4							84	84	20	
60/ 59		1.5	1.8	2.2	1.2	.2	.3	.1	1.0	.5								107	107	42	10
58/ 57		1.5	2.4	2.0	.7	.4	.2	.1	.4	.1								95	96	83	32
56/ 55	.2	3.0	2.4	2.5	.8	.3	.5	.2		.2								126	127	86	55
54/ 53	.5	2.6	2.7	1.1	.2	.3	.4	.5	.2									104	108	141	67
52/ 51	.3	2.0	1.3	.7	.8	.5	.3	.2	.1									76	78	139	99
50/ 49	.5	2.0	1.8	.8	.3	.3	.4	.1										76	77	134	97
48/ 47	.1	2.3	2.3	1.5	.3	.7	.2	.1										91	91	97	108
46/ 45	.2	2.2	1.6	.7	.6	.4	.3											74	77	106	83
44/ 43	.2	1.9	1.5	1.3	.2													63	64	109	86
42/ 41	.5	.9	.9	.7	.2	.2												41	41	93	85
40/ 39	.2	1.3	.7	.5	.2													36	36	66	58
38/ 37	.2	.4	.3	.2														14	14	55	53
36/ 35		.3	.1	.2	.1													8	8	29	59
34/ 33				.1														1	1	16	41
32/ 31																				7	37
30/ 29																				4	37
28/ 27																					30
26/ 25																					32
24/ 23																					33
22/ 21																					36
20/ 19																					30

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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DD 5 PSYCHROMETRIC SUMM JAN 68

PSYCHROMETRIC SUMMARY

93111 (STATION) POINT MUGU, CALIFORNIA (STATION NAME) 73-77 (YEARS) DEC (MONTH)

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
18/ 17																					18
16/ 15																					13
14/ 13																					7
12/ 11																					8
10/ 9																					4
8/ 7																					4
6/ 5																					5
TOTAL	2.9	22.9	22.4	18.1	8.1	5.8	4.0	2.5	3.3	3.2	3.6	1.9	.8	.4	.2				1240		1227
																		1227		1227	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	5873665	79557	64.8	24.154	1227							
Dry Bulb	3820597	67977	54.8	8.714	1240			59.4	18.6	3.6		744.0
Wet Bulb	2913089	59207	48.3	6.767	1227		6.7					744.0
Dew Point	2188053	49785	40.6	11.707	1227		178.3					744.0

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PSYCHROMETRIC SUMMARY JAN 68

PSYCHROMETRIC SUMMARY

93111 STATION — POINT MUGU, CALIFORNIA STATION NAME — 73-77 YEARS — ALL MONTH

PAGE 1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
100/ 99																	.0	1	1		
98/ 97																	.0	1	1		
96/ 95																	.0	1	1		
94/ 93																	.0	1	1		
92/ 91																.0	.0	2	2		
90/ 89															.0	.0	.0	6	6		
88/ 87										.0			.0		.0	.0		8	8		
86/ 85									.0	.0	.0		.0		.0	.0		15	15		
84/ 83								.0		.0	.0		.0	.0	.0			14	14		
82/ 81						.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		32	32		
80/ 79				.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.0			48	48		
78/ 77				.0	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0				62	62		
76/ 75			.0	.1	.2	.1	.0	.0	.0	.1	.0	.1	.1	.0				118	120		
74/ 73			.0	.5	.5	.3	.1	.1	.0	.1	.1	.1	.2					297	297	2	
72/ 71		.0	.3	1.1	1.2	.4	.1	.1	.0	.1	.1	.2	.1					532	532	9	1
70/ 69	.0	.0	.7	1.4	1.0	.4	.1	.1	.1	.1	.2	.2	.0					618	618	57	7
68/ 67	.0	.2	1.8	1.7	1.1	.3	.1	.1	.1	.1	.2	.2						863	863	206	37
66/ 65	.0	1.2	2.5	1.9	1.0	.4	.2	.1	.2	.1	.2	.0						1140	1140	530	118
64/ 63	.1	2.4	3.0	2.6	.8	.4	.2	.1	.1	.2	.1	.0						1484	1484	997	430
62/ 61	.1	3.6	3.1	1.9	1.0	.4	.2	.2	.1	.2	.1							1590	1591	1266	818
60/ 59	.3	3.7	3.1	1.6	.8	.4	.2	.1	.2	.1								1545	1545	1615	1222
58/ 57	.3	3.2	3.2	1.5	.8	.3	.3	.2	.1	.1								1436	1437	1689	1439
56/ 55	.3	3.0	2.4	1.2	.5	.3	.2	.1	.0	.0								1170	1171	1547	1551
54/ 53	.3	2.3	1.8	.9	.4	.2	.1	.1	.1	.0								875	879	1424	1420
52/ 51	.2	1.7	1.3	.6	.4	.2	.1	.0	.0									678	680	1170	1279
50/ 49	.2	1.3	1.3	.5	.2	.1	.1	.1										553	554	993	1039
48/ 47	.2	1.1	1.0	.5	.1	.2	.1	.0										461	461	769	861
46/ 45	.1	1.1	.7	.4	.2	.1	.1	.0										394	397	711	718
44/ 43	.1	.6	.7	.3	.1	.0	.0											269	270	529	636
42/ 41	.1	.3	.4	.3	.1	.0												186	186	361	525
40/ 39	.0	.2	.3	.2	.0	.0												113	113	278	387
38/ 37	.0	.1	.1	.1	.0													48	48	207	322
36/ 35	.0	.0	.0	.0	.0													22	22	124	269
34/ 33			.0	.0														6	6	64	254
32/ 31		.0																1	1	21	203

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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05 PSYCHROMETRIC SUMMARY JAN 68

PSYCHROMETRIC SUMMARY

93111 STATION | POINT MUGU, CALIFORNIA STATION NAME | 73-77 YEARS | ALL MONTH

PAGE 2 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
30/ 29																				18	177
28/ 27																				2	157
26/ 25																					135
24/ 23																					109
22/ 21																					107
20/ 19																					86
18/ 17																					86
16/ 15																					49
14/ 13																					47
12/ 11																					29
10/ 9																					28
8/ 7																					18
6/ 5																					10
4/ 3																					5
2/ 1																					9
- 2/- 3																					1
TOTAL	2.4	26.2	27.6	19.4	10.4	4.7	2.3	1.6	1.2	1.3	1.1	.8	.5	.2	.2	.1	.0	14589	14605	14589	14589

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	83227572	1066644	73.1	18.956	14589							
Dry Bulb	52666593	869063	59.5	8.080	14605		.6	1572.1	364.2	65.4	1.8	8760.0
Wet Bulb	43846012	792564	54.3	7.354	14589		24.7	164.5	1.2			8760.0
Dew Point	37490034	722390	49.5	10.858	14589	.6	754.8	27.0				8760.0

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5 PSYCHROMETRIC SUMMARY JAN 68

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

93111 (STATION) POINT MUGU, CALIFORNIA (STATION NAME) 73-77 (YEARS)

HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
01	MEAN	51.0	51.0	50.0	51.6	55.6	58.5	60.7	62.9	62.5	58.0	53.9	50.8	55.6
	S. D.	8.568	5.786	4.743	3.803	3.104	2.980	3.223	2.124	3.496	4.649	7.289	7.474	6.922
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	1826
04	MEAN	49.5	49.0	48.1	49.2	54.2	57.3	59.4	61.8	61.6	56.9	52.2	49.2	54.1
	S. D.	9.061	6.359	5.425	4.483	3.874	3.051	3.759	2.954	4.016	5.195	7.837	7.893	7.520
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	1826
07	MEAN	49.0	48.3	48.2	52.4	57.6	60.7	62.6	63.3	62.7	57.4	51.5	48.5	55.2
	S. D.	9.069	6.535	5.481	4.824	2.753	3.100	2.904	2.538	4.268	5.486	8.468	8.252	8.229
	TOTAL OBS	155	141	155	150	155	150	155	155	150	154	150	155	1825
10	MEAN	59.1	59.9	58.7	61.1	62.3	65.3	67.9	69.6	69.2	67.7	65.2	59.5	63.8
	S. D.	7.731	5.693	4.212	5.586	2.813	4.234	3.359	2.992	4.700	5.700	7.744	7.132	6.718
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	1826
13	MEAN	62.8	62.2	60.2	62.4	64.0	67.4	70.1	71.6	71.0	69.4	67.0	63.0	65.9
	S. D.	7.538	5.541	3.863	4.921	2.875	4.182	3.287	2.382	4.360	5.210	7.075	6.597	6.318
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	1826
16	MEAN	61.3	61.4	59.5	61.5	63.2	66.9	69.5	71.1	70.3	67.9	64.9	61.1	64.9
	S. D.	6.903	5.118	3.528	4.534	2.742	4.558	3.321	2.676	4.449	4.960	6.025	5.681	6.100
	TOTAL OBS	155	141	155	150	155	150	155	155	150	154	15	155	1825
19	MEAN	55.6	56.3	55.0	56.2	58.9	62.3	64.3	65.5	65.3	62.5	58.6	54.8	59.6
	S. D.	5.466	3.710	2.978	3.138	2.519	3.648	2.855	2.039	2.779	3.220	5.418	5.223	5.466
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	1826
22	MEAN	52.1	52.7	52.1	53.8	56.9	59.6	61.5	63.5	63.7	59.7	55.5	51.3	56.9
	S. D.	6.940	4.881	3.606	3.068	2.650	2.893	3.204	1.912	2.732	4.020	6.640	6.511	6.222
	TOTAL OBS	155	141	155	150	155	149	155	155	150	155	150	155	1825
ALL HOURS	MEAN	55.1	55.1	54.0	56.0	59.1	62.2	64.5	66.2	65.8	62.4	58.6	54.8	59.5
	S. D.	9.258	7.589	6.398	6.451	4.524	5.126	5.069	4.478	5.301	6.841	9.228	8.714	8.080
	TOTAL OBS	1240	1128	1240	1200	1240	1199	1240	1240	1200	1238	1200	1240	14605

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5707 MEANS AND STANDARD DEVIATIONS JAN 68

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

93111 STATION — POINT MUGU, CALIFORNIA STATION NAME — 73-77 YEARS

HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
01	MEAN	44.6	46.7	46.2	48.4	53.1	56.1	58.6	60.4	59.8	54.7	47.5	45.0	51.8
	S. D.	6.543	5.069	5.260	3.929	3.247	2.967	2.865	2.458	3.228	5.366	5.272	5.581	7.298
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	153	1824
04	MEAN	43.1	45.0	44.6	46.3	51.8	55.1	57.5	59.6	59.0	53.3	45.9	43.4	50.4
	S. D.	6.725	5.656	5.800	4.469	3.959	3.269	3.461	3.136	3.591	5.576	5.738	6.074	7.818
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	153	1824
07	MEAN	42.5	44.2	44.8	48.9	54.7	57.9	60.3	61.0	60.0	53.6	45.0	42.7	51.3
	S. D.	7.023	5.923	5.638	3.873	2.884	2.534	2.381	2.610	3.376	5.447	5.650	6.414	8.535
	TOTAL OBS	155	141	155	150	155	150	155	155	149	154	150	153	1822
10	MEAN	49.2	52.1	51.3	53.9	57.3	60.1	63.1	64.1	63.5	60.0	54.1	50.4	56.6
	S. D.	5.348	3.998	4.157	3.416	2.486	2.739	2.438	2.475	2.830	3.819	4.998	4.939	6.434
	TOTAL OBS	155	141	155	150	155	150	155	155	149	155	150	153	1823
13	MEAN	52.8	54.2	52.6	55.0	57.9	61.0	63.9	64.8	64.3	61.2	56.5	54.2	58.2
	S. D.	5.032	3.784	3.792	3.254	2.337	2.777	2.362	2.121	2.447	3.319	4.720	4.781	5.672
	TOTAL OBS	155	141	155	150	155	150	155	155	149	155	150	154	1824
16	MEAN	52.8	54.2	52.9	54.7	57.6	60.6	63.4	64.6	64.0	60.9	56.3	53.7	58.0
	S. D.	4.930	3.630	3.640	3.278	2.480	2.819	2.467	2.233	2.623	3.215	4.613	4.563	5.551
	TOTAL OBS	155	141	155	150	155	150	155	155	150	154	150	154	1824
19	MEAN	49.6	51.8	50.5	51.9	55.1	58.1	60.5	61.6	61.4	58.3	52.7	49.8	55.1
	S. D.	5.362	3.664	3.633	2.953	2.372	2.552	2.424	2.042	2.242	3.235	4.839	4.736	5.663
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	154	1825
22	MEAN	46.5	48.7	48.3	50.5	53.9	56.7	59.0	60.7	60.7	56.2	49.6	46.6	53.1
	S. D.	5.990	4.507	4.467	3.158	2.682	2.452	2.776	2.179	2.506	4.309	5.227	5.298	6.527
	TOTAL OBS	155	141	155	150	155	149	155	155	150	155	150	153	1823
ALL HOURS	MEAN	47.6	49.6	48.9	51.2	55.2	58.2	60.8	62.1	61.6	57.3	51.0	48.3	54.3
	S. D.	7.040	5.933	5.600	4.658	3.545	3.449	3.505	3.109	3.482	5.345	6.684	6.767	7.355
	TOTAL OBS	1240	1128	1240	1200	1240	1199	1240	1240	1197	1238	1200	1227	14589

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5707 MEANS AND STANDARD DEVIATIONS JAN 68

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MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

93111 (STATION) POINT MUGU, CALIFORNIA (STATION NAME) 73-77 (YEARS)

HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
01	MEAN	36.0	41.4	42.1	45.4	50.9	54.3	57.1	58.6	58.0	51.7	39.8	37.2	47.8
	S. D.	12.011	10.466	8.101	5.359	4.137	3.387	2.901	3.049	4.495	8.037	11.516	11.436	11.203
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	153	1824
04	MEAN	34.1	39.8	40.2	43.2	49.7	53.4	56.2	58.0	57.1	49.7	38.0	35.4	46.3
	S. D.	11.710	10.285	9.410	5.838	4.824	3.795	3.473	3.658	4.978	9.363	11.607	11.192	11.712
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	153	1824
07	MEAN	33.2	38.5	40.5	45.5	52.5	56.0	58.9	59.5	58.1	50.0	36.5	34.8	47.1
	S. D.	11.953	10.634	9.568	6.382	3.897	3.007	2.545	3.126	5.576	9.045	11.323	11.144	12.571
	TOTAL OBS	155	141	155	150	155	150	155	155	149	154	150	153	1822
10	MEAN	37.6	43.8	43.7	47.5	53.5	56.6	60.2	60.8	60.0	54.0	43.1	40.1	50.1
	S. D.	12.484	10.599	9.800	6.969	3.840	3.128	2.796	3.118	4.855	9.323	11.963	11.821	11.625
	TOTAL OBS	155	141	155	150	155	150	155	155	149	155	150	153	1823
13	MEAN	42.4	46.5	45.3	48.8	53.5	56.8	60.1	60.7	60.2	55.4	47.3	45.7	51.9
	S. D.	11.601	9.866	8.492	5.908	3.606	3.187	2.765	2.978	4.257	6.959	10.238	11.130	9.810
	TOTAL OBS	155	141	155	150	155	150	155	155	149	155	150	154	1824
16	MEAN	44.2	47.4	46.8	49.1	53.5	56.4	59.7	60.7	60.1	56.0	48.8	46.5	52.5
	S. D.	10.792	9.443	7.194	5.005	3.463	2.978	2.869	2.893	4.218	5.657	9.498	10.258	8.921
	TOTAL OBS	155	141	155	150	155	150	155	155	150	154	150	154	1824
19	MEAN	42.7	47.3	46.2	48.2	52.0	55.1	58.0	59.0	58.9	55.1	46.6	44.2	51.1
	S. D.	10.857	8.556	6.276	4.514	3.570	2.905	2.612	2.561	2.898	5.136	10.440	9.867	8.726
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	154	1825
22	MEAN	39.6	44.1	44.4	47.6	51.5	54.5	57.3	58.8	58.6	53.3	42.8	40.6	49.5
	S. D.	11.315	9.921	7.551	4.317	3.765	2.784	2.843	2.690	3.112	6.838	11.488	10.501	9.953
	TOTAL OBS	155	141	155	150	155	149	155	155	150	155	150	153	1823
ALL HOURS	MEAN	38.7	43.6	43.6	46.9	52.1	55.4	58.4	59.5	58.9	53.1	42.8	40.6	49.5
	S. D.	12.200	10.464	8.678	5.899	4.111	3.366	3.191	3.185	4.494	8.006	11.787	11.708	10.859
	TOTAL OBS	1240	1128	1240	1200	1240	1199	1240	1240	1197	1238	1200	1227	14589

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5707 MEANS AND STANDARD DEVIATIONS JAN 68

RELATIVE HUMIDITY

93111 (STATION) POINT MUGU, CALIFORNIA (STATION NAME) 73-77 (PERIOD) JAN (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	01	100.0	89.7	81.3	78.7	71.6	62.6	49.0	29.0	9.7	63.3	155
	04	100.0	91.0	81.9	77.4	69.7	60.0	45.2	25.8	9.7	61.9	155
	07	100.0	91.6	81.3	75.5	67.7	57.4	45.8	25.8	8.4	61.0	155
	10	99.4	83.9	70.3	63.2	51.0	39.4	27.1	16.1	7.7	51.8	155
	13	100.0	87.1	79.4	71.6	58.7	41.3	25.2	14.2	4.5	53.7	155
	16	100.0	90.3	86.5	77.4	67.7	52.9	32.3	16.1	5.2	58.8	155
	19	100.0	96.8	87.7	83.2	77.4	68.4	53.5	29.7	10.3	66.5	155
	22	100.0	94.2	87.1	81.9	80.0	72.3	58.1	34.8	13.5	67.9	155
TOTALS		99.9	90.6	81.9	76.1	68.0	56.8	42.0	23.9	8.6	60.6	1240

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5706 RELATIVE HUMIDITY JAN 68

PRINTED BY THE STANDARD REGISTER COMPANY, U. S. A.

RELATIVE HUMIDITY

93111 POINT MUGU, CALIFORNIA 73-77 FEB
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	01	100.0	94.3	91.5	88.7	84.4	80.9	72.3	51.8	27.0	75.0	141
	04	100.0	95.7	92.2	90.1	87.2	83.0	69.5	44.0	29.1	75.3	141
	07	99.3	95.7	92.9	88.7	84.4	78.0	64.5	46.1	28.4	73.8	141
	10	99.3	92.2	85.8	74.5	65.2	56.0	43.3	29.1	11.3	61.5	141
	13	99.3	92.9	86.5	82.3	73.0	61.7	44.0	20.6	5.0	62.0	141
	16	100.0	94.3	90.1	84.4	79.4	71.6	46.8	27.0	5.0	65.2	141
	19	100.0	97.2	94.3	93.6	88.7	83.0	76.6	44.0	18.4	75.4	141
	22	98.6	95.7	92.9	90.8	87.2	83.7	77.3	58.2	31.9	77.5	141
TOTALS		99.6	94.8	90.8	86.6	81.2	74.7	61.8	40.1	19.5	70.7	1128

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5706 RELATIVE HUMIDITY JAN 68

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RELATIVE HUMIDITY

93111 (STATION) POINT MUGU, CALIFORNIA (STATION NAME) 73-77 (PERIOD) MAR (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	01	100.0	99.4	98.7	96.1	92.3	83.9	70.3	45.2	13.5	76.3	155
	04	100.0	98.1	96.1	94.2	92.3	84.5	70.3	49.7	23.2	76.8	155
	07	100.0	98.1	94.8	92.9	91.6	85.8	72.9	54.8	21.3	77.7	155
	10	100.0	95.5	89.7	82.6	74.2	63.2	39.4	16.1		61.6	155
	13	100.0	95.5	93.5	88.4	83.2	52.9	27.7	5.8	.6	60.8	155
	16	100.0	98.7	96.8	92.9	87.7	69.7	32.9	12.9	1.3	64.9	155
	19	100.0	100.0	100.0	97.4	91.6	83.9	65.8	33.5	3.9	73.5	155
	22	100.0	99.4	99.4	98.1	92.3	85.2	72.9	41.9	14.8	76.4	155
TOTALS		100.0	98.1	96.1	92.8	88.2	76.1	56.5	32.5	9.8	71.0	1240

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5706 RELATIVE HUMIDITY JAN 68

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RELATIVE HUMIDITY

93111 (STATION) POINT MUGU, CALIFORNIA (STATION NAME) 73-77 (PERIOD) APR (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	01	100.0	100.0	100.0	100.0	97.3	93.3	84.7	52.7	16.7	80.5	150
	04	100.0	100.0	100.0	100.0	96.7	92.7	85.3	51.3	19.3	80.6	150
	07	100.0	98.7	97.3	96.0	92.7	91.3	82.0	56.0	20.7	79.6	150
	10	100.0	95.3	94.0	92.0	87.3	65.3	38.7	11.3	1.3	64.2	150
	13	99.3	98.0	96.0	93.3	88.0	64.7	28.7	5.3		63.2	150
	16	100.0	99.3	98.0	94.7	89.3	69.3	35.3	8.7		65.4	150
	19	100.0	100.0	99.3	99.3	97.3	90.7	68.0	33.3	5.3	75.4	150
	22	100.0	100.0	100.0	100.0	98.7	96.0	84.7	46.7	14.7	80.1	150
TOTALS		99.9	98.9	98.1	96.9	93.4	82.9	63.4	33.2	9.8	73.6	1200

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5706 RELATIVE HUMIDITY JAN 68

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RELATIVE HUMIDITY

93111 POINT MUGU, CALIFORNIA 73-77 MAY
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	01	100.0	100.0	100.0	100.0	100.0	96.8	93.5	67.7	27.1	84.5	155
	04	100.0	100.0	100.0	100.0	100.0	96.8	93.5	66.5	32.9	85.4	155
	07	100.0	100.0	100.0	100.0	100.0	96.8	91.6	66.5	23.9	83.7	155
	10	100.0	100.0	100.0	100.0	98.1	87.1	60.0	31.0	2.6	73.8	155
	13	100.0	100.0	100.0	100.0	96.1	82.6	43.9	17.4	1.3	69.5	155
	16	100.0	100.0	100.0	100.0	98.7	91.0	52.9	16.8	.6	71.2	155
	19	100.0	100.0	100.0	100.0	98.7	94.2	80.6	48.4	5.8	78.5	155
	22	100.0	100.0	100.0	100.0	100.0	96.1	89.7	61.9	16.8	82.7	155
TOTALS		100.0	100.0	100.0	100.0	99.0	92.7	75.7	47.0	13.9	78.7	1240

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5706 RELATIVE HUMIDITY JAN 68

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RELATIVE HUMIDITY

93111 POINT MUGU, CALIFORNIA 73-77 JUN
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	01	100.0	100.0	100.0	100.0	100.0	100.0	97.3	82.0	22.7	86.2	150
	04	100.0	100.0	100.0	100.0	100.0	100.0	98.7	85.3	26.7	87.0	150
	07	100.0	100.0	100.0	100.0	99.3	98.7	94.7	76.7	25.3	85.4	150
	10	100.0	100.0	100.0	98.7	98.0	92.0	61.3	37.3	2.7	74.5	150
	13	100.0	100.0	100.0	98.7	97.3	88.7	48.7	11.3	.7	69.7	150
	16	100.0	100.0	100.0	98.7	96.7	88.7	47.3	12.7		70.0	150
	19	100.0	100.0	100.0	99.3	98.0	96.7	81.3	47.3	2.7	78.1	150
	22	100.0	100.0	100.0	100.0	100.0	98.0	96.0	74.5	9.4	83.8	149
TOTALS		100.0	100.0	100.0	99.4	98.7	95.4	78.2	53.4	11.3	79.3	1199

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RELATIVE HUMIDITY

93111 (STATION) POINT MUGU, CALIFORNIA (STATION NAME) 73-77 (PERIOD) JUL (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	01	100.0	100.0	100.0	100.0	100.0	100.0	99.4	93.5	27.7	88.3	155
	04	100.0	100.0	100.0	100.0	100.0	100.0	100.0	94.2	33.5	89.3	155
	07	100.0	100.0	100.0	100.0	100.0	100.0	99.4	87.1	34.2	87.8	155
	10	100.0	100.0	100.0	100.0	99.4	97.4	78.7	33.5	4.5	77.0	155
	13	100.0	100.0	100.0	99.4	99.4	92.9	58.1	11.6	.6	71.0	155
	16	100.0	100.0	100.0	100.0	100.0	94.8	51.6	13.5	1.3	71.5	155
	19	100.0	100.0	100.0	100.0	100.0	100.0	95.5	50.3	5.2	80.2	155
	22	100.0	100.0	100.0	100.0	100.0	100.0	98.7	87.7	17.4	86.2	155
TOTALS		100.0	100.0	100.0	99.9	99.9	98.1	85.2	58.9	15.6	81.4	1240

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5706 RELATIVE HUMIDITY JAN 68

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RELATIVE HUMIDITY

93111 POINT MUGU, CALIFORNIA 73-77 AUG

STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	01	100.0	100.0	100.0	100.0	100.0	100.0	99.4	89.7	19.4	86.4	155
	04	100.0	100.0	100.0	100.0	100.0	100.0	99.4	91.0	27.1	87.6	155
	07	100.0	100.0	100.0	100.0	100.0	100.0	99.4	85.8	31.6	87.7	155
	10	100.0	100.0	100.0	100.0	100.0	92.9	68.4	24.5	2.6	74.2	155
	13	100.0	100.0	100.0	100.0	98.7	89.0	43.9	8.4	.6	69.2	155
	16	100.0	100.0	100.0	100.0	98.1	93.5	48.4	9.7	1.3	70.1	155
	19	100.0	100.0	100.0	100.0	100.0	100.0	93.5	54.2	3.2	79.8	155
	22	100.0	100.0	100.0	100.0	100.0	100.0	98.7	83.9	10.3	85.1	155
TOTALS		100.0	100.0	100.0	100.0	99.6	96.9	81.4	55.9	12.0	80.0	1240

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5706 RELATIVE HUMIDITY JAN 68
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RELATIVE HUMIDITY

93111 (STATION) POINT MUGU, CALIFORNIA (STATION NAME) 73-77 . (PERIOD) SEP (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	01	100.0	99.3	99.3	99.3	98.7	98.7	97.3	88.7	20.7	85.9	150
	04	100.0	99.3	99.3	99.3	98.7	98.0	96.7	88.0	23.3	86.4	150
	07	99.3	98.7	98.7	98.0	98.0	97.3	95.3	83.9	37.6	87.0	149
	10	100.0	98.7	97.3	97.3	97.3	96.0	72.5	29.5	2.7	74.3	149
	13	99.3	98.7	98.0	97.3	96.6	91.9	51.7	10.7		70.0	149
	16	99.3	98.7	98.7	98.0	96.7	94.0	64.7	15.3	.7	71.4	150
	19	100.0	100.0	100.0	99.3	98.0	98.0	95.3	59.3	2.0	80.4	150
	22	100.0	100.0	100.0	100.0	98.7	98.7	97.3	76.7	11.3	84.0	150
TOTALS		99.7	99.2	98.9	98.6	97.8	96.6	83.9	56.5	12.3	79.9	1197

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5706 RELATIVE HUMIDITY JAN 68

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RELATIVE HUMIDITY

93111 STATION | POINT MUGU, CALIFORNIA STATION NAME | 73-77 PERIOD | OCT MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	01	100.0	99.4	99.4	97.4	94.8	90.3	83.9	68.4	21.3	81.5	155
	04	99.4	97.4	96.1	93.5	92.9	87.1	81.9	65.8	21.9	79.9	155
	07	100.0	98.1	96.8	93.5	90.3	86.4	82.5	65.6	25.3	79.7	154
	10	99.4	93.5	91.0	87.7	86.5	78.7	47.7	23.2	4.5	66.1	155
	13	99.4	97.4	94.8	92.3	87.1	71.6	37.4	9.0	.6	64.0	155
	16	100.0	98.7	96.1	94.8	92.2	82.5	44.2	16.2		67.6	134
	19	100.0	100.0	98.7	98.1	96.1	92.3	80.6	47.1	5.2	77.8	155
	22	99.4	99.4	98.7	98.1	96.8	94.8	87.7	62.6	14.2	81.0	155
TOTALS		99.7	98.0	96.5	94.4	92.1	85.5	68.2	44.7	11.6	74.7	1838

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5706 RELATIVE HUMIDITY JAN 68

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RELATIVE HUMIDITY

93111 POINT MUGU, CALIFORNIA 73-77 NOV

STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	01	100.0	90.0	86.7	79.3	73.3	68.0	52.7	36.7	15.3	65.9	150
	04	100.0	89.3	87.3	82.0	73.3	65.3	54.7	36.0	13.3	65.5	150
	07	99.3	88.0	84.7	80.0	70.7	63.3	50.0	30.7	12.0	64.0	150
	10	100.0	85.3	77.3	61.3	52.0	38.7	26.7	12.0	4.0	51.2	150
	13	100.0	91.3	86.7	75.3	60.0	42.7	24.0	6.0	1.3	53.9	150
	16	100.0	96.0	92.0	83.3	72.0	54.7	34.0	12.7	.7	60.0	150
	19	100.0	95.3	92.7	90.0	86.7	72.0	59.3	34.7	9.3	69.2	150
	22	100.0	90.0	88.7	86.0	80.0	74.7	59.3	38.0	11.3	68.9	150
TOTALS		99.9	90.4	87.0	79.7	71.0	59.9	45.1	25.9	8.4	62.3	1200

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5706 RELATIVE HUMIDITY JAN 68

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RELATIVE HUMIDITY

93111 POINT MUGU, CALIFORNIA 73-77 DEC

STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	01	100.0	90.2	83.7	79.1	73.2	68.6	57.5	39.2	13.7	66.5	153
	04	100.0	90.8	84.3	81.7	73.9	63.4	51.6	35.9	12.4	65.6	153
	07	100.0	92.2	84.3	80.4	74.5	64.1	52.3	32.7	11.1	65.3	153
	10	100.0	84.3	75.8	68.6	60.8	49.0	33.3	19.0	5.9	55.4	153
	13	100.0	87.7	84.4	81.2	72.1	57.8	33.8	11.7	1.9	58.8	154
	16	100.0	92.9	88.3	84.4	78.6	67.5	44.2	18.2	3.9	63.2	154
	19	100.0	96.1	90.3	89.6	86.4	79.9	67.5	41.6	7.8	71.9	154
	22	100.0	93.5	88.9	84.3	82.4	77.8	69.3	47.7	16.3	72.0	153
TOTALS		100.0	91.0	85.0	81.2	75.2	66.0	51.2	30.8	9.1	64.8	1227

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NAVWEASERVCOM

5706 RELATIVE HUMIDITY JAN 68

PRINTED BY THE STANDARD REGISTER COMPANY, U. S. A.

RELATIVE HUMIDITY

2

93111 POINT MUGU, CALIFORNIA 73-77 ALL
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	99.9	90.6	81.9	76.1	68.0	56.8	42.0	23.9	8.6	60.6	1240
FEB		99.6	94.8	90.8	86.6	81.2	74.7	61.8	40.1	19.5	70.7	1128
MAR		100.0	98.1	96.1	92.8	88.2	76.1	56.5	32.5	9.8	71.0	1240
APR		99.9	98.9	98.1	96.9	93.4	82.9	63.4	33.2	9.8	73.6	1200
MAY		100.0	100.0	100.0	100.0	99.0	92.7	75.7	47.0	13.9	78.7	1240
JUN		100.0	100.0	100.0	99.4	98.7	95.4	78.2	53.4	11.3	79.3	1199
JUL		100.0	100.0	100.0	99.9	99.9	98.1	85.2	58.9	15.6	81.4	1240
AUG		100.0	100.0	100.0	100.0	99.6	96.9	81.4	55.9	12.0	80.0	1240
SEP		99.7	99.2	98.9	98.6	97.8	96.6	83.9	56.5	12.3	79.9	1197
OCT		99.7	98.0	96.5	94.4	92.1	85.5	68.2	44.7	11.6	74.7	1238
NOV		99.9	90.4	87.0	79.7	71.0	59.9	45.1	25.9	8.4	62.3	1200
DEC		100.0	91.0	85.0	81.2	75.2	66.0	51.2	30.8	9.1	64.8	1227
TOTALS		99.9	96.8	94.5	92.1	88.7	81.8	66.1	41.9	11.8	73.1	14589

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5706 RELATIVE HUMIDITY JAN 68

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2

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | JAN 1973-DEC 1977 (YEARS) | JANUARY (MONTH) | ALL (HOURS (L.S.T.))

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91		100,0								2	,2
82 TO 86		50,0	33,3		16,7					6	,5
77 TO 81		53,8	30,8		7,7	7,7				13	1,0
72 TO 76	2,4	34,1	46,3		4,9	7,3	2,4	2,4		41	3,3
67 TO 71	3,0	33,3	28,8		10,6	1,5	9,1	10,6	3,0	66	5,3
62 TO 66	3,7	14,7	18,4	2,9	12,5	10,3	24,3	8,8	4,4	136	11,0
57 TO 61	5,8	12,6	9,0	4,3	11,2	5,4	26,7	9,0	15,9	277	22,3
52 TO 56	19,4	20,9	10,3	4,0	4,8	2,9	8,8	7,3	21,6	273	22,0
47 TO 51	27,3	31,7	7,7	2,2	1,6		2,7	3,3	23,5	183	14,8
42 TO 46	29,9	38,2	6,4		1,3		,6	3,8	19,7	157	12,7
37 TO 41	47,1	34,3	4,3					1,4	12,9	70	5,6
32 TO 36	73,3	20,0							6,7	15	1,2
27 TO 31	100,0									1	,1
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
−3 TO 1											
−8 TO −4											
−13 TO −9											
−18 TO −14											
−23 TO −19											
−28 TO −24											
−33 TO −29											
−38 TO −34											
−43 TO −39											
−48 TO −44											
−53 TO −49											
−58 TO −54											
−59 & LWR											
TOTALS	17,7	24,6	12,0	2,5	6,2	3,4	11,6	6,3	15,7	1240	100,0

NAVWEASERVCOM

5709 FREQ. AIR TEMP. VS. WIND DIR. JAN. 68

1843

2

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

93111	POINT MUGU, CALIFORNIA	JAN 1973-DEC 1977	FEBRUARY	ALL
STATION	STATION NAME	YEARS	MONTH	HOURS (L.S.T.)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86											
77 TO 81		33,3	33,3						33,3	3	,3
72 TO 76	4,3	56,5	13,0		4,3	4,3	13,0	4,3		23	2,0
67 TO 71	2,1	34,0	19,1		6,4	10,6	8,5	17,0	2,1	47	4,2
62 TO 66	2,2	17,4	10,9	5,1	13,8	7,2	26,1	12,3	5,1	138	12,2
57 TO 61	2,5	10,0	6,8	10,0	17,6	9,0	27,6	5,7	10,8	279	24,7
52 TO 56	11,1	16,7	5,9	7,6	8,0	5,9	16,0	7,6	21,2	288	25,5
47 TO 51	28,3	28,8	5,4	,5	1,6	,5	3,3	6,0	25,5	184	16,3
42 TO 46	33,3	33,3	3,1	,8			,8	3,9	24,8	129	11,4
37 TO 41	29,7	24,3	5,4					5,4	35,1	37	3,3
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	13,3	20,8	7,1	5,2	8,7	5,2	15,3	7,3	17,0	1128	100,0

NAVWEASERVCOM

5760 FREQ. AIR TEMP. VS. WIND DIR. JAN. 68

2

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | JAN 1973-DEC 1977 (YEARS) | MARCH (MONTH) | ALL (HOURS (L.S.T.))

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86											
77 TO 81											
72 TO 76	50,0		50,0							2	,2
67 TO 71		22,2	16,7		5,6	5,6	44,4		5,6	18	1,5
62 TO 66	2,3	4,6	3,8	4,6	13,7	9,9	49,6	8,4	3,1	131	10,6
57 TO 61	2,6	1,3	1,6	4,2	12,3	7,7	47,1	11,0	12,3	310	25,0
52 TO 56	4,4	0,3	3,6	5,5	9,1	5,2	29,5	15,2	21,2	363	29,3
47 TO 51	15,3	24,7	6,0	1,7	,4	1,3	6,0	14,9	29,8	235	19,0
42 TO 46	38,0	22,7	2,7			,7	2,7	3,3	30,0	150	12,1
37 TO 41	40,0	20,0						10,0	20,0	30	2,4
32 TO 36	100,0									1	,1
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO-4											
-13 TO -9											
-18 TO-14											
-23 TO-19											
-28 TO-24											
-33 TO-29											
-38 TO-34											
-43 TO-39											
-48 TO-44											
-53 TO-49											
-58 TO-54											
-59 & LWR											
TOTALS	10,8	11,1	3,6	3,5	7,3	4,9	27,7	11,5	19,4	1240	100,0

NAVWEASERVCOM

5709 FREQ. AIR TEMP. VS. WIND DIR. JAN 68

1843

2

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

93111	POINT MUGU, CALIFORNIA	JAN 1973-DEC 1977	APRIL	ALL
STATION	STATION NAME	YEARS	MONTH	HOURS (L.S.T.)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86		100,0								2	,2
77 TO 81	16,7	33,3	33,3				16,7			6	,5
72 TO 76		10,0	10,0		30,0		30,0	20,0		10	,8
67 TO 71		2,3	7,0		4,7	11,6	67,4	7,0		43	3,6
62 TO 66	1,1	,6		1,7	10,7	16,9	64,0	3,4	1,7	178	14,8
57 TO 61	3,2	1,8	1,4	3,2	10,8	13,3	41,6	13,3	11,5	279	23,3
52 TO 56	7,9	7,1	1,0	2,7	5,2	4,9	23,3	13,5	34,4	407	33,9
47 TO 51	15,8	20,4	6,1	,5	,5	,5	8,2	5,6	42,3	196	16,3
42 TO 46	14,7	30,9	5,9						48,5	68	5,7
37 TO 41	40,0	40,0							20,0	10	,8
32 TO 36									100,0	1	,1
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	7,4	8,8	2,5	2,0	6,3	7,8	31,2	9,5	24,5	1200	100,0

NAVWEASERVCOM

5709 FREQ. AIR TEMP. VS. WIND DIR. JAN. 68

2

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

93111	POINT MUGU, CALIFORNIA	JAN 1973-DEC 1977	MAY	ALL
STATION	STATION NAME	YEARS	MONTH	HOURS (L.S.T.)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86											
77 TO 81						100.0				1	.1
72 TO 76					33.3		50.0	16.7		6	.5
67 TO 71					17.5	20.0	55.0	5.0	2.5	40	3.2
62 TO 66		.3		1.5	11.4	17.1	61.9	6.0	1.8	333	26.9
57 TO 61	4.0	6.8	1.9	4.9	11.6	5.9	27.8	16.9	20.3	528	42.6
52 TO 56	9.5	8.1	3.3	1.5	2.9	2.2	15.8	15.8	41.0	273	22.0
47 TO 51	19.6	23.2	5.4				1.8	1.8	48.2	56	4.5
42 TO 46		33.3							66.7	3	.2
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	4.7	5.9	1.8	2.8	9.4	8.3	34.0	12.6	20.6	1240	100.0

NAVWEASERVCOM

5709 FREQ. AIR TEMP. VS. WIND DIR. JAN. 68

1844-

2

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

93111	POINT MUGU, CALIFORNIA	JAN 1973-DEC 1977	JUNE	ALL
STATION	STATION NAME	YEARS	MONTH	HOURS (L.S.T.)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86				11,1		11,1	55,6	11,1	11,1	9	,8
77 TO 81					10,7	25,0	50,0		8,3	12	1,0
72 TO 76	3,7				14,8	18,5	40,7	7,4	14,8	27	2,3
67 TO 71	1,7	,6		1,1	13,1	9,1	65,3	8,0	1,1	176	14,7
62 TO 66	3,3	1,4	1,1	2,2	11,1	13,1	47,6	10,0	10,0	359	29,9
57 TO 61	6,9	2,7	2,7	3,9	6,5	3,5	22,2	20,0	21,6	510	42,5
52 TO 56	17,8	11,9	3,0		1,0		4,0	10,9	51,5	101	8,4
47 TO 51		20,0							80,0	5	,4
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	5,8	2,8	1,3	2,6	8,6	7,5	35,4	13,8	21,8	1199	100,0

NAVWEASERVCOM

5709 FREQ. AIR TEMP. VS. WIND DIR. JAN. 68

2

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

93111 (STATION) POINT MUGU, CALIFORNIA (STATION NAME) JAN 1973-DEC 1977 (YEARS) JULY (MONTH) ALL (HOURS (L.S.T.))

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86							100,0			1	,1
77 TO 81					16,7	33,3	41,7	8,3		12	1,0
72 TO 76				1,0	9,9	24,8	63,4	1,0		101	8,2
67 TO 71	,6	1,9		,9	7,7	15,2	60,1	8,7	5,0	323	26,1
62 TO 66	7,8	4,8	2,3	3,4	6,0	6,2	25,0	20,2	24,3	436	35,2
57 TO 61	8,6	9,6	4,3	,7	4,3	3,0	10,9	13,5	45,2	303	24,5
52 TO 56	13,3	18,3	5,0				8,3	10,0	45,0	60	4,8
47 TO 51		50,0							50,0	2	,2
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	5,7	5,5	2,1	1,7	6,1	9,2	33,2	13,3	23,2	1238	100,0

NAVWEASERVCOM

5705 FREQ. AIR TEMP. VS. WIND DIR. JAN. 68

1844

2

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | JAN 1973-DEC 1977 (YEARS) | AUGUST (MONTH) | ALL (HOURS (L.S.T.))

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86							100,0			1	,1
77 TO 81							70,0	30,0		10	,8
72 TO 76					7,1	19,7	68,6	7,1	,5	183	14,8
67 TO 71	1,2	,9		2,8	13,5	15,4	49,8	10,5	5,8	325	26,2
62 TO 66	7,9	7,4	1,9	2,9	5,0	2,6	12,8	24,4	35,1	[illegible]	46,7
57 TO 61	10,6	18,9	3,8	,8	,8		3,0	6,8	55,3	6	10,6
52 TO 56	40,0	40,0							20,0	10	,8
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	5,5	6,0	1,3	2,2	7,0	5,1	29,7	16,1	24,0	1240	100,0

NAVWEASERVCOM

5709 FREQ. OF TEMP. VS. WIND DIR. JAN. 68

2

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

93111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | JAN 1973-DEC 1977 (YEARS) | SEPTEMBER (MONTH) | ALL (HOURS (L.S.T.))

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101		50.0	50.0							2	.2
92 TO 96			100.0							1	.1
87 TO 91		16.7			33.3	16.7	33.3			6	.5
82 TO 86		50.0				50.0				4	.3
77 TO 81		9.1					72.7	18.2		11	.9
72 TO 76		1.7	.9	1.7	14.7	12.9	58.6	6.0	3.4	116	9.7
67 TO 71	3.0	.3	.6	3.0	11.2	12.7	45.9	9.7	13.6	331	27.6
62 TO 66	8.3	5.5	1.9	4.2	8.5	4.6	12.9	20.3	33.8	527	43.9
57 TO 61	8.7	25.0	7.0	2.9		1.7	2.9	7.6	44.2	172	14.3
52 TO 56	23.3	20.7	10.0						40.0	30	2.5
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	6.3	7.3	2.5	3.3	8.4	7.3	25.3	13.4	26.3	1200	100.0

NAVWEASERVCOM

5709 FREQ. AIR TEMP. VS. WIND DIR. JAN. 68

18474

2

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

93111 (STATION) POINT MUGU, CALIFORNIA (STATION NAME) JAN 1973-DEC 1977 (YEARS) OCTOBER (MONTH) ALL (HOURS (L.S.T.))

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96		100,0								1	,1
87 TO 91		33,3	33,3				33,3			3	,2
82 TO 86	10,0				20,0		40,0	30,0		10	,8
77 TO 81		21,1	5,3		5,3		47,4	21,1		19	1,5
72 TO 76	2,8	8,5	1,4	1,4	8,5	5,6	63,4	5,6	2,8	71	5,7
67 TO 71	3,6	1,8	1,4	3,6	10,0	14,5	48,2	8,2	8,6	220	17,8
62 TO 66	8,2	4,4	2,2	4,9	10,7	7,4	26,9	11,0	24,2	364	29,4
57 TO 61	16,0	13,2	3,1	1,2	4,3	2,2	6,5	9,2	44,3	325	26,3
52 TO 56	17,1	22,0	1,8	,6	1,2	,6	3,0	,6	53,0	164	13,3
47 TO 51	25,9	25,9	3,7	1,9				1,9	40,7	54	4,4
42 TO 46	33,3	33,3						16,7	16,7	6	,5
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO-4											
-13 TO -9											
-18 TO-14											
-23 TO-19											
-28 TO-24											
-33 TO-29											
-38 TO-34											
-43 TO-39											
-48 TO-44											
-53 TO-49											
-58 TO-54											
-59 & LWR											
TOTALS	11,1	10,3	2,3	2,7	7,0	5,7	23,4	8,2	29,3	1237	100,0

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5708/1 FREQ. AIR TEMP. VS. WIND DIR. JAN. 68

2

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

93111	POINT MUGU, CALIFORNIA	JAN 1973-DEC 1977	NOVEMBER	ALL
STATION	STATION NAME	YEARS	MONTH	HOURS (L.S.T.)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91		33.3	66.7							3	.2
82 TO 86		50.0	25.0		16.7		8.3			12	1.0
77 TO 81	3.7	25.9	14.8		14.8	3.7	25.9	11.1		27	2.3
72 TO 76	2.8	21.1	19.7	1.4	5.6	7.0	21.1	15.5	5.6	71	5.9
67 TO 71	11.9	20.8	5.9	2.0	5.9	6.9	28.7	13.9	4.0	101	8.4
62 TO 66	11.8	9.5	6.6	3.8	9.5	10.4	31.8	9.5	7.1	211	17.6
57 TO 61	19.9	8.1	3.7	6.6	6.3	3.7	22.5	12.2	17.0	271	22.6
52 TO 56	17.2	20.9	11.7	1.7	2.1	.8	5.9	8.4	31.4	239	19.9
47 TO 51	32.6	39.0	6.4					2.1	19.9	141	11.8
42 TO 46	41.3	22.1	1.0				1.9	1.9	31.7	104	8.7
37 TO 41	27.8	55.6							16.7	18	1.5
32 TO 36		100.0								2	.2
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	19.1	19.3	7.6	2.8	4.8	3.9	16.3	8.8	17.3	1200	100.0

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5709 FREQ. TEMP. VS. WIND DIR. JAN 68

1847

2

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

93111 STATION | POINT MUGU, CALIFORNIA STATION NAME | JAN 1973-DEC 1977 YEARS | DECEMBER MONTH | ALL HOURS (L.S.T.)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91		100,0								1	,1
82 TO 86		100,0								2	,2
77 TO 81		90,0	10,0							10	,8
72 TO 76	6,9	44,8	20,7		3,4		17,2	6,9		29	2,3
67 TO 71	5,3	28,1	22,8	5,3	8,8	3,5	19,3	5,3	1,8	57	4,6
62 TO 66	2,9	14,9	15,5	3,4	15,5	10,9	21,3	12,6	2,9	174	14,0
57 TO 61	9,4	13,5	11,0	9,8	10,2	3,7	24,5	5,3	12,7	245	19,8
52 TO 56	15,6	23,3	7,6	3,5	4,5	2,4	8,7	6,3	28,1	288	23,2
47 TO 51	25,4	24,4	5,7	2,1	1,6		3,1	4,1	33,7	193	15,6
42 TO 46	32,2	24,6	6,4	,6	,6	1,2	,6	3,5	30,4	171	13,8
37 TO 41	37,7	31,1	4,9					3,3	23,0	61	4,9
32 TO 36	33,3	33,3							33,3	9	,7
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	16,8	22,4	9,8	3,9	6,3	3,1	11,7	6,0	20,3	1240	100,0

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5709 FREQ. AIR TEMPS. VS. WIND DIR. JAN. 68

2

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

93111	POINT MUGU, CALIFORNIA	JAN 1973-DEC 1977	ALL	ALL
STATION	STATION NAME	YEARS	MONTH	HOURS (L.S.T.)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101		50.0	50.0							2	.0
92 TO 96		50.0	50.0							2	.0
87 TO 91		40.0	20.0		13.3	6.7	20.0			15	.1
82 TO 86	2.1	31.9	10.6	2.1	10.6	6.4	25.5	8.5	2.1	47	.3
77 TO 81	1.6	25.0	10.5		8.1	8.1	34.7	10.5	1.6	124	.8
72 TO 76	1.5	9.4	6.8	.7	9.3	13.8	49.7	6.6	2.2	680	4.7
67 TO 71	2.6	5.4	3.3	2.1	10.4	12.5	48.0	9.3	6.4	1747	12.0
62 TO 66	5.9	5.9	3.6	3.3	9.5	8.6	30.2	14.6	18.4	3566	24.4
57 TO 61	7.7	8.7	4.2	4.5	8.6	5.2	23.6	12.2	25.3	3631	24.9
52 TO 56	12.4	14.7	5.3	3.3	4.8	3.2	14.7	10.1	31.5	2496	17.1
47 TO 51	23.1	27.2	6.0	1.2	.9	.4	3.8	6.1	31.2	1249	8.6
42 TO 46	32.6	28.7	4.3	.3	.4	.4	1.1	3.2	29.1	788	5.4
37 TO 41	38.9	33.2	3.5					3.5	20.8	226	1.5
32 TO 36	53.6	28.6							17.9	28	.2
27 TO 31	100.0									1	.0
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	10.3	12.0	4.5	2.9	7.1	6.2	24.6	10.6	21.6	14002	100.0

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5709 FREQ. AIR TEMP. VS. WIND DIR. JAN. 68

NWSD, Federal Building

Asheville, N. C.

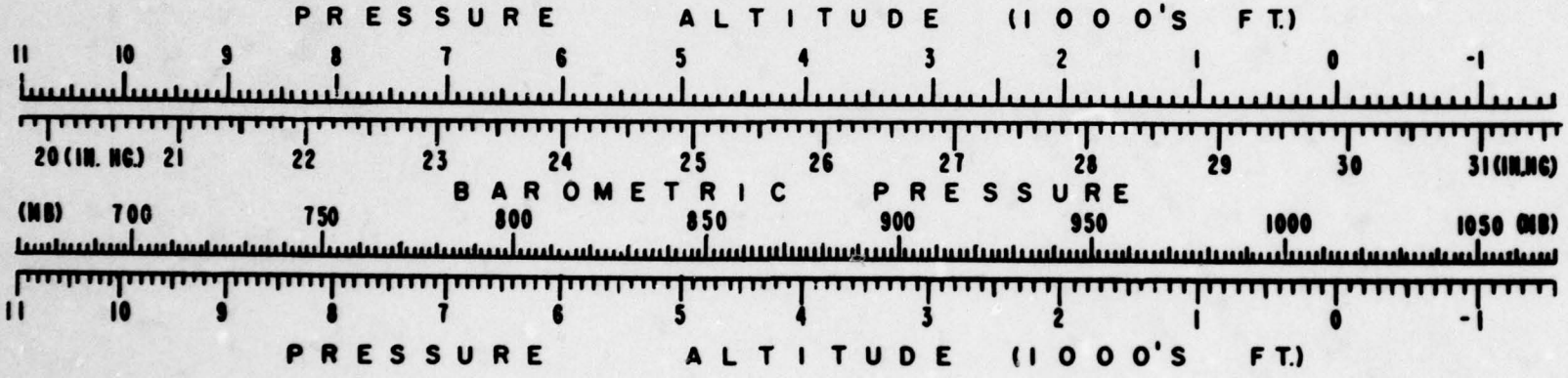
PART F PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited to January 1946 through December 1963 because of changes in reporting practices before and after those dates.

1. Station pressure in inches of mercury.

2. Sea-level pressure in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure altitude in 1000's of feet. This scale is an enlarged model of the pressure altitude scale in the Smithsonian Meteorological Tables.



MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

93111 (STATION) POINT MUGU, CALIFORNIA (STATION NAME) 73-77 (YEARS)

HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
01	MEAN	30.057	30.062	29.987	29.983	29.928	29.888	29.909	29.911	29.903	29.963	30.013	30.062	29.972
	S. D.	.115	.109	.117	.085	.073	.072	.063	.056	.069	.072	.100	.097	.108
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	1826
04	MEAN	30.052	30.048	29.967	29.969	29.918	29.881	29.907	29.907	29.894	29.954	30.006	30.055	29.963
	S. D.	.116	.112	.117	.085	.073	.070	.063	.056	.068	.072	.100	.096	.107
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	1826
07	MEAN	30.064	30.066	29.995	30.001	29.946	29.909	29.937	29.939	29.925	29.980	30.030	30.073	29.988
	S. D.	.114	.114	.119	.085	.075	.071	.063	.057	.069	.072	.101	.095	.105
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	1826
10	MEAN	30.105	30.097	30.021	30.019	29.962	29.926	29.951	29.954	29.943	30.001	30.055	30.108	30.012
	S. D.	.113	.114	.118	.085	.075	.070	.062	.058	.071	.074	.102	.093	.109
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	1826
13	MEAN	30.046	30.061	29.996	29.999	29.951	29.918	29.940	29.939	29.916	29.963	30.005	30.051	29.982
	S. D.	.113	.108	.116	.085	.074	.071	.060	.058	.073	.071	.102	.095	.100
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	1826
16	MEAN	30.030	30.033	29.961	29.962	29.918	29.888	29.904	29.900	29.881	29.939	29.986	30.033	29.958
	S. D.	.116	.108	.115	.087	.072	.070	.060	.059	.071	.072	.104	.096	.103
	TOTAL OBS	155	141	155	150	155	150	155	155	150	154	150	155	1825
19	MEAN	30.046	30.045	29.966	29.961	29.913	29.877	29.891	29.891	29.881	29.947	30.001	30.049	29.955
	S. D.	.118	.109	.116	.086	.071	.072	.061	.061	.072	.073	.106	.097	.109
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	1826
22	MEAN	30.067	30.063	29.989	29.984	29.938	29.896	29.915	29.913	29.904	29.966	30.019	30.067	29.976
	S. D.	.115	.109	.116	.084	.071	.072	.063	.058	.069	.071	.104	.097	.108
	TOTAL OBS	155	141	155	150	155	149	155	154	150	155	150	155	1824
ALL HOURS	MEAN	30.058	30.059	29.985	29.985	29.934	29.898	29.919	29.919	29.906	29.964	30.014	30.062	29.975
	S. D.	.117	.112	.118	.087	.075	.073	.065	.061	.073	.074	.104	.098	.108
	TOTAL OBS	1240	1128	1240	1200	1240	1199	1240	1239	1200	1239	1200	1240	14605

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MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

93111 (STATION) POINT MUGU, CALIFORNIA (STATION NAME) 73-77 (YEARS)

HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
01	MEAN	1018.2	1018.3	1015.8	1015.6	1013.8	1012.4	1013.1	1013.2	1012.9	1014.9	1016.6	1018.3	1015.2
	S. D.	3.900	3.697	3.939	2.860	2.432	2.423	2.091	1.892	2.335	2.418	3.387	3.301	3.638
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	1826
04	MEAN	1018.0	1017.8	1015.1	1015.2	1013.4	1012.2	1013.0	1013.1	1012.6	1014.6	1016.4	1018.1	1014.9
	S. D.	3.936	3.794	3.941	2.860	2.441	2.365	2.101	1.881	2.283	2.416	3.379	3.238	3.618
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	1826
07	MEAN	1018.5	1018.4	1016.0	1016.2	1014.4	1013.1	1014.1	1014.1	1013.7	1015.6	1017.2	1018.7	1015.8
	S. D.	3.869	3.847	4.005	2.855	2.533	2.370	2.121	1.919	2.310	2.483	3.409	3.207	3.543
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	1826
10	MEAN	1019.8	1019.5	1016.9	1016.8	1014.9	1013.7	1014.5	1014.7	1014.3	1016.3	1018.1	1019.9	1016.6
	S. D.	3.801	3.848	4.004	2.864	2.516	2.342	2.069	1.931	2.395	2.489	3.449	3.152	3.680
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	1826
13	MEAN	1017.8	1018.3	1016.1	1016.2	1014.6	1013.4	1014.2	1014.1	1013.4	1015.0	1016.4	1017.9	1015.6
	S. D.	3.831	3.673	3.906	2.857	2.504	2.381	2.050	1.939	2.467	2.382	3.461	3.213	3.590
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	1826
16	MEAN	1017.2	1017.3	1014.9	1014.9	1013.4	1012.4	1012.9	1012.8	1012.2	1014.1	1015.7	1017.3	1014.6
	S. D.	3.869	3.675	3.906	2.928	2.432	2.353	2.019	2.036	2.393	2.391	3.509	3.242	3.499
	TOTAL OBS	155	141	155	150	155	150	155	155	150	154	150	155	1825
19	MEAN	1017.8	1017.7	1015.1	1014.9	1013.2	1012.0	1012.5	1012.5	1012.2	1014.4	1016.2	1017.9	1014.7
	S. D.	3.992	3.675	3.933	2.898	2.429	2.417	2.065	2.012	2.426	2.450	3.562	3.289	3.698
	TOTAL OBS	155	141	155	150	155	150	154	155	150	155	150	155	1825
22	MEAN	1018.5	1018.3	1015.9	1015.7	1014.1	1012.7	1013.3	1013.2	1013.0	1015.0	1016.9	1018.5	1015.4
	S. D.	3.887	3.706	3.916	2.869	2.403	2.449	2.089	1.926	2.336	2.392	3.533	3.268	3.648
	TOTAL OBS	155	141	155	150	155	149	154	155	150	155	150	155	1824
ALL HOURS	MEAN	1018.2	1018.2	1015.7	1015.7	1014.0	1012.7	1013.5	1013.5	1013.0	1015.0	1016.7	1018.3	1015.4
	S. D.	3.940	3.777	3.984	2.938	2.520	2.448	2.172	2.060	2.457	2.501	3.517	3.306	3.641
	TOTAL OBS	1240	1128	1240	1200	1240	1199	1238	1240	1200	1239	1200	1240	14604

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